19970701.qrp qrp-por0.773
>From owner-qrp-l@Lehigh.EDU Mon Jun 30 18:04 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
>   by uro.theporch.com (8.8.6/A-UX-3.1.1) with ESMTP id SAA18009
>   for <shimshon@uro.theporch.com>; Mon, 30 Jun 1997 18:04:12 -0500 (CDT)
>Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
>   by sco.theporch.com (8.8.6/SCO-5.0.2) with ESMTP id XAA12609
>   for <shimshon@theporch.com>; Mon, 30 Jun 1997 23:03:57 GMT
>Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<34883-23630>; Mon, 30 Jun 1997 19:03:20 -0400
>Date: Mon, 30 Jun 1997 19:03:11 EDT
>Sender: owner-qrp-l@Lehigh.EDU
>Precedence: bulk
>From: qrp-l@Lehigh.EDU
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: QRP-L digest 773
>Mime-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Message-Id: <97Jun30.190320edt.34883-23630+219@fidoii.cc.Lehigh.EDU>
>Status: O

QRP-L Digest 773

Topics covered in this issue include:

  1) [22148] SST Field Day
     by tgordish@concentric.net
  2) [22149] Re: SST Field Day
     by John Watrous <jwatrous@groucho.santarosa.edu>
  3) [22150] Field Day - You know you had fun if:
     by "Bob Kellogg" <ae4ic@nr.infi.net>
  4) [22151] WA3NNA QRP FD REPORT
     by Pete Rossi <wa3nna@resuba.com>
  5) [22152] Alaska QRO FD Observation - Amazing
     by "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>
  6) [22153] 12v Computer
     by bcutter@teal.csn.net (Bob Cutter)
  7) [22154] Re: LEGAL ISSUES WHEN GIVING QRP TALK
     by Clay N4AOX <wyn@worldnet.att.net>
  8) [22155] For all who missed Field Day 1997
     by Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
  9) [22156] The OHR-400, All Bands Working!
     by ke3fl@juno.com (Philip Karras)
 10) [22157] W1VT FD operation
     by Zack Lau <zlau@arrl.org>
 11) [22158] Field Day, 2A, NM, W5BI WOW !! from grid square: DM66na
     by wa5whn@juno.com

12) [22159] WA3NNA QRP FD REPORT
    by "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
13) [22160] Re:Keyer
    by Bob Liesenfeld <wb0poq@visi.com>
14) [22161] Perfect Field Day
    by kd7s@psnw.com (Bill Jones)
15) [22162] CB to 10 info
    by "Michael S. Dooley" <msdooley@why.net>
16) [22163] NORTEX FD 1A
    by adams@chuck.dallas.sgi.com (Chuck Adams)
17) [22164] Survived FD
    by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
18) [22165] Make it stop! I can't copy that fast...
    by David Adams <adamsclan@netgate.net>
19) [22166] Re: NORTEX FD 1A
    by Bill Carver <bcarver@magiclink.com>
20) [22167] Re: Make it stop! I can't copy that fast...
    by Greg Emerson <gregemmy@lni.net>
21) [22168] NW QRP Club FD
    by Bill Todd <bill@techline.com>
22) [22169] AE0Q Field Day, Colorado
    by AE0Q V31RY <v31ry@ix.netcom.com>
23) [22170] Heard at the 1997 FD "QRP Under the Fire Tower"
    by Richard Powell <ripowell@mpna.com>
24) [22171] IF coils and filters
    by sassoli@ii1wh10.settimo.italtel.it
25) [22172] Athens OH FD Report
    by William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
26) [22173] the IL-ZX for 40 meters
    by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
27) [22174] Re: Fox Hunt?
    by k8cv@juno.com (Walt D Amos)
28) [22175] ANOTHER fd report.....
    by k8cv@juno.com (Walt D Amos)
29) [22176] Field Day/QRP-Rigs
    by "Jeff M. Gold" <JMG@tntech.edu>
30) [22177] Review of T-kits
    by "L.C. Chadbourne" <lynnc@ibm.net>
31) [22178] For Sale: Initial offering of some QRP classics
    by Bill Acito 30-Jun-1997 0858 <acito@asdg.ENET.dec.com>
32) [22179] QRP-L
    by QLF%mimi@magic.itg.ti.com
33) [22180] Ten-Tec 6 Meter Transceiver Kit
    by tmh@world.std.com
34) [22181] SST 30M de N3XRV
    by Chris Cartwright <ccart@dns.vidtel.com>
35) [22182] FD: 1-A CT, W1QK
    by SEAB&SHARON LYON <SSLYON@worldnet.att.net>

36) [22183] Field Day
    by Bob Hightower <ki7mn@dancris.com>
37) [22184] Re: Field Day/QRP-Rigs
    by Joe Gervais <vole@primenet.com>
38) [22185] Re: SST 30M de N3XRV
    by Chris Cartwright <ccart@dns.vidtel.com>
39) [22186] QRP+ and FD
    by bcutter@teal.csn.net (Bob Cutter)
40) [22187] FD Update
    by adams@chuck.dallas.sgi.com (Chuck Adams)
41) [22188] Re: Make it stop! I can't copy that fast...
    by Joe Gervais <vole@primenet.com>
42) [22189] 11m CB to 10m Conversions
    by AA0QX <AA0QX@prodigy.net>
43) [22190] Re: For all who missed Field Day 1997
    by Randy Foltz <rfoltz@wsunix.wsu.edu>
44) [22191] FD Report
    by Jim <kw3u@warwick.net>
45) [22192] Not responding to QRP stations
    by Bill Todd <bill@techline.com>
46) [22193] Re: MIR comm frequency
    by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
47) [22194] Re: FD Report
    by Rick Powell - WB6JBM <ripowell@mpna.com>
48) [22195] FD Ops
    by Rick Powell - WB6JBM <ripowell@mpna.com>
49) [22196] Solo QRP Field Day in Oregon
    by Russ Carpenter <russ@natworld.com>
50) [22197] Re: 12v Computer
    by AA0QX <AA0QX@prodigy.net>
51) [22198] Re: SST Field Day
    by AE0Q V31RY <v31ry@ix.netcom.com>
52) [22199] USECA Mega QRP Field Day
    by "Floyd Soo, W8RO" <hires@rust.net>
53) [22200] Re: Not responding to QRP stations
    by Paul Erickson <paul1@wizard.ucs.sfu.ca>
54) [22201] RE: Not responding to QRP stations
    by Bob Hightower <ki7mn@dancris.com>
55) [22202] Re: SST Field Day
    by "Rick Hadley" <r.hadley@www.mebbs.com>
56) [22203] Re: SST Field Day
    by Ed Loranger <we6w@qsl.net>
57) [22204] Thank you for your EXPERENCE WITH THE BUTTERNUT VERTICAL.
    by James Griffith <GriffithJ@ricks.edu>
58) [22205] Re[2]: SST Field Day
    by ptaber@microtest.com
59) [22206] FS:Mercury Paddles
    by buhyoff@vt.edu (Greg Buhyoff)

60) [22207] Ten-Tec 6 meter Transceiver: THANK YOU
    by tmh@world.std.com
61) [22208] Re: Ten-Tec 6 Meter Transceiver Kit
    by "Phil, K6LS" <k6ls@qsl.net>
62) [22209] Re: Pixie 2 transceiver???? Where?
    by Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
63) [22210] OHR QRP Rigs For Sale
    by Joseph Trombino jr <joebarb@wilmington.net>
64) [22211] Re: FD Update
    by Dale Anderson <dalea@artemis.fc.hp.com>
65) [22212] Sharp ZR5800 logger
    by mhartwell@lucent.com (m.e.hartwell)
66) [22213] Kent Engineering info
    by Mike Robinson <miker@comlinear.nsc.com>
67) [22214] Mercury Paddles *** SOLD ****
    by "Gregory J. Buhyoff" <buhyoff@vt.edu>
68) [22215] Re: Kent Engineering info
    by Bob Hightower <ki7mn@dancris.com>
69) [22216] unusual QRP FD this year
    by Joel Malman <malman@BBN.COM>
70) [22217] SLV Coils and Plans
    by sarraf@thermacore.com
71) [22218] OHR QRP 20/40 Documentation
    by "KA5T Larry Wise" <lewise@inetport.com>
72) [22219] Re: FD Update
    by W3GX@aol.com
73) [22220] Winding a SLV coil ???
    by Dana E Hager <dehager@ix.netcom.com>
74) [22221] FS/FT: S&S ARK4
    by tahrens1@juno.com (Tim H. Ahrens)

Date: Sun, 29 Jun 97 16:16:12 +0000
From: tgordish@concentric.net
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [22148] SST Field Day
Message-ID: <199706292314.TAA17275@newman.concentric.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

QRP Folk,

This was my first real Field Day experience. I had assisted with one a few years back, mostly just setting up and eating food, but this one was for real. I had to run 1 E because I wasn't about to set up outdoors in the 106 deg. heat here in Yuma. That would be sort of like a reverse FYBO! I ran at home using a gel cel and my 20m version of the SST and a

dipole antenna.

First Impressions- Wow! what speed are those stations running at! I bet they are cruising at better than 20 wpm. Does anyone know? I was able to get the callsigns from listening to the station call many times repeatedly. They could have saved themselves alot of wasted RF power just by cutting their speed. Let's just say I sent "AGN" a few times.

After getting the feel of this event I was able to make 29 contacts operating of and on from the beginning of the contest to 9:30 pm local. Stations contacted ranged from HI (yea! I got HI) to NJ. I'd say coast to coast is not bad for 3w!

I think for something a little more relaxing I think the next contest I run will be Strait Key Night. I think that will be a little more my style.

73 de

Tim & Aretta Gordish
KB9LGJ & N0YDG
Yuma, AZ

QRP-L #457, ScQRPion #25, IDEA, ARRL
Rigs: 38-S, 20m-SST
WAS on 30: 17 confirmed

All the nations may walk in the name of their gods, we walk in the name of the Lord our God for ever and ever" Micah 4:5

Date: Sun, 29 Jun 97 16:28:53 -0700 (PDT)
From: John Watrous <jwatrous@groucho.santarosa.edu>
To: tgordish@concentric.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22149] Re: SST Field Day
Message-ID: <Pine.3.89.9706291626.A8519-0100000@groucho.santarosa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

All those stations were running automatic keyers and I found many not listening, at least listening they way you should in the QRP region of 40. Also, I visited our local club during FD and they were running 100 watts right at 7040.

But I too had a fun first FD with my SST. I found it really hard at
night when the band got dense, but during the day I worked the country.

John, K6PZB

On Sun, 29 Jun 1997 tgordish@concentric.net wrote:

> QRP Folk,
>
> This was my first real Field Day experience. I had assisted with one a
> few years back, mostly just setting up and eating food, but this one was
> for real. I had to run 1 E because I wasn't about to set up outdoors in
> the 106 deg. heat here in Yuma. That would be sort of like a reverse
> FYBO! I ran at home using a gel cel and my 20m version of the SST and a
> dipole antenna.
>
> First Impressions- Wow! what speed are those stations running at! I bet
> they are cruising at better than 20 wpm. Does anyone know? I was able
> to get the callsigns from listening to the station call many times
> repeatedly. They could have saved themselves alot of wasted RF power
> just by cutting their speed. Let's just say I sent "AGN" a few times.
>
> After getting the feel of this event I was able to make 29 contacts
> operating of and on from the beginning of the contest to 9:30 pm local.
> Stations contacted ranged from HI (yea! I got HI) to NJ. I'd say coast
> to coast is not bad for 3w!
>
> I think for something a little more relaxing I think the next contest I
> run will be Strait Key Night. I think that will be a little more my
> style.
>
> 73 de
>
>
> Tim & Aretta Gordish
> KB9LGJ & N0YDG
> Yuma, AZ
>
> QRP-L #457, ScQRPion #25, IDEA, ARRL
> Rigs: 38-S, 20m-SST
> WAS on 30: 17 confirmed
>
> **All the nations may walk in the name of their gods, we walk in the name
> of the Lord our God for ever and ever" Micah 4:5**
>

>

Date: Sun, 29 Jun 1997 19:31:57 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-l@Lehigh.EDU>
Subject: [22150] Field Day - You know you had fun if:
Message-ID: <199706292331.TAA09231@mh004.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang,

You had a great Field Day if:

1. On the way home your car's air conditioner tries to contact you by CW, but you're too tired to copy.

2. You return with at least half of the MRE's you took, because there was plenty of shared food.

3. At least 50% of your Chigger bites are 30 inches from the floor when you stand up.

4. When you arrive home, your dog is glad to see you and your spouse is still speaking to you.

5. When you jump into the shower, the shower head also tries to contact you by CW, but you decide he's too far down into the noise to try to copy.

6. You are thinking about the next time you'll be able to go to the field with the ham group.

7. At least 25% of your clothes are dry.

8. Your sunburn is less than third degree.

9. All of your body parts are intact, except for minor pinches, cuts, scrapes burns and and bruises.

10. Someone else had one of everything you forgot.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC

Prolably, but not nececelery. -- Benny Hill

Date: Sun, 29 Jun 1997 20:16:45 -0400
From: Pete Rossi <wa3nna@resuba.com>
To: qrp-l@Lehigh.EDU
Subject: [22151] WA3NNA QRP FD REPORT
Message-ID: <199706300016.UAA08465@resuba.com>

- - - FIELD DAY 1997 REPORT - - -

CALL : WA3NNA

ENTRY CLASS : 1B - battery (1 operator)

SECTION / LOCATION : SNJ
Saturday: Beach - between 23st and 24th Street; Ocean City, NJ.
On the beach; About 75 yards from the ocean.
Sunday: Back deck of place where I was staying in Ocean City, NJ.

RIG : OHR 400 (5 watts CW - 80, 40, 20 meter)

ANTENNA :
Saturday : Kite supported vertical wire.
20 meters: 1/2 wave 33' wire w/pi tuner
40 meters: 1/2 wave 66' wire w/pi tuner
80 meters: 1/4 wave 66' wire w/o tuner
Sunday : 33' horizontal wire about 15 feet above ground.

POWER SOURCE : 12V Ni-Cad battery pack

TOTAL ON-AIR OPERATION TIME : About 8 hours total

FINAL SCORE :

80 meters	4	QSOs
40 meters	73	QSOs
20 meters	30	QSOs

```
          TOTAL  107  QSOs (x2 points) CW  (x5) 5 watts  = 1070 points
                                  100% emergency power  =  100 points
                         Operation from a public place  =  100 points
                                                        --------------
                                               TOTAL SCORE  = 1270 points
```

COMMENTS :

Who turned off the fan? Were were the winds? Had lots of trouble keeping the kite antenna wire up on Saturday. The kite would fly fine but did not have enough lift to support the 66' wire. For the first 2 hours or so the wire was more like a 45 degree angle. Who would think that 66' of #22 bare wire would be all that heavy?

I started up right on time; first QSO at 1800z and I planned to stay on the beach until at least 8:30 or (just before dark) so but the winds just TOTALLY DIED OUT around 6 PM ... and down came the kite. ABSOLUTELY NO WIND at all! So enough was enough. I packed up an headed back more than 2 hours ahead of schedule.

Winds Sunday did not seem any better so rather than lug all of the junk back to the beach, I just set up on the back deck of where I was staying with a 33' piece of wire running all over the place. I expected it to load up on 20 and it worked so-so but I did not expect it to tune/work on 40 but much to my surprise, I was able to make some contacts there to. But it certainly was nowhere near as good as the vertical wire on the beach. Also the noise level was much higher buried in between all of the other houses. Sure enough, the breezes started to pick up about 1 PM on Sunday.. to late to do much about it.

Anyway for all of the wind problems on Saturday I felt like I spent most of the afternoon playing with the kite trying to keep the wire up off the ground and with the poor antenna on Sunday, I managed to only fall 30 contacts short of last years score.

LESSONS LEARNED: ;-)

I spent so much time re-orienting the kite, which means less time under the beach umbrella operating = more sunburn :-(

There sure of a lot of loud stations out there who can't hear.

Pete Rossi - WA3NNA
wa3nna@pete.reusba.com

Date: Sun, 29 Jun 1997 16:55:58 -0800
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>
To: qrp-l@Lehigh.EDU
Subject: [22152] Alaska QRO FD Observation - Amazing
Message-ID: <33B7041E.364@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

Just a short note. I went out to the local FD site as my QRN had reached new heights at my QTH. I sat down at the 20 meter SSB station and listened to the operator try to make contacts. The station was using a beam at 40 feet and a full legal limit amplifier.

"CQ Field Day this is xxxxx", was heard over and over. The stations in the lower 48 were working each other like mad. But apparently a full KW plus was not enough to break through the SSB noise level down there. Care to guess where the West coast beams were not heading? I think I am glad I had QRN at home as it saved me a lot of time.

I am glad most of you had a good time. I still remember how much fun FD was from Iowa, Nebraska, Texas, Mass, and PA.

73,
Jim
--
Jim Larsen
Anchorage, Alaska
Acupressure Anchorage
AL7FS ex-WA0LPK / KL7
2 meter WAS #36
Vision VR40

Date: Sun, 29 Jun 1997 19:19:21 -0600 (MDT)
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-l@Lehigh.EDU
Subject: [22153] 12v Computer
Message-ID: <199706300119.TAA29145@ns-1.csn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Another great FD with CT and my old 286 lap top is really quiet but the inverter noise is a bother.

How do others solve the problem of powering a 12v+ computer from batteries?

72, Bob KI0G

Date: Sun, 29 Jun 1997 21:49:32 -0400
From: Clay N4AOX <wyn@worldnet.att.net>
To: r.hadley@www.mebbs.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22154] Re: LEGAL ISSUES WHEN GIVING QRP TALK
Message-ID: <33B710AC.4452@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rick Hadley wrote:
>
> At 01:19 PM 6/25/97 -0500, you wrote:
> >
> >   Gang:
> >
> >   Not strictly QRP related, sorry.
> >
> >   I will be giving my local club a presentation on QRP
> >   in October.

>
> Philosophically though, your question is an extremely sad commentary on how
> litigious and paranoid our society has become.

Right on Rick,
   Just make sure your local audience contains no attorneys or friends of attorneys. ;-)

72/73,
Clay N4AOX

Date: Sun, 29 Jun 1997 20:25:55 -0400

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu
Subject: [22155] For all who missed Field Day 1997
Message-ID: <Pine.3.89.9706292027.C7226-0100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It was AWESOME! 80m didn't "go long" like it did in November sweeps, and
VHF pretty much stunk around here.

Org: Laurel, MD ARC
Call: W3LM
Class: 2A, battery, 100w output
QSOs: CW, about 400
     SSB, about 750
Ants: 6 el. tribander @ 35', G5RV, 80/40 trap dipole
Rigs: Yaesu FT-890, IC-740, IC-735, Drake TR-7
Ops: Maybe 7 or 8
Crowd: Occasionally swelling to 25
Notes: Lots of people hanging around shooting the breeze.
     A sizable handful of visitors

Notable facts for QRP-L:

Fellow QRP-L calls heard/wkd - N4BP (Bob), AA8EB (Mike), AB7TK (I
spoke to Randy's FD co-conspirator), and AE0Q (Glenn).

We had a blast. Grabbed freq's, ran 'em, held 'em, worked on 20m phone
run for over 2 hours averaging 60/hour.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Sun, 29 Jun 1997 22:09:30 EDT
From: ke3fl@juno.com (Philip Karras)
To: qrp@ohr.com, qrp-l@Lehigh.EDU
Subject: [22156] The OHR-400, All Bands Working!
Message-ID: <19970629.220911.7631.0.ke3fl@juno.com>

Dick,
Just thought you'd like to know that the 400 is working completely. I
used Field Day to test out the two bands, 20 & 80, that I hadn't yet

made contacts on.

I worked with the Carroll County club K3PZN using the 400 & a solar pannel (& a solar charger 7.5 AHr Gel cel) to make 8 QSO's one was with OK1FFU who was calling CQ DX. I took the time to QSO with him & he came back the first call (20 meters 5 watts.)

When I got home late last night I said, "what the heck" & gave 80 meters a try on the solar battery & made 5 more 80 meter QSO's as KE3FL 1A.

So, the 400 is all checked out & firing on all bands, nice rig!

73 de KE3FL
Phil

Date: Sun, 29 Jun 1997 22:15:19 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [22157] W1VT FD operation
Message-ID: <33B716B7.3E0@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I decided to try a mostly 6M single band QRP FD
operation from Mt Equinox VT (didn't spend much
time on 2 or 432).

Nothing in the way of solid openings, but I worked
stations in MS, OK, KS, NE, GA, and FL--and one
DX station not in the contest--W6JKV/J6. Rather
wide distribution of single hop E skip...
5 watts PEP from a homebrew transceiver into a
4 el yagi (either at 9 ft or 3800 + 9 feet...)

Rough contact estimates
6M SSB --69
6M CW--18
6M FM--4
2M SSB--3
432 SSB--2

BTW--the ARRL Book QRP Power has a reprint of my September
1995 QEX article on building a 6M transverter. These circuits
are quite useful for putting Rick Campbell's R2/T2 on 6M.

--Zack W1VT

Date: Sun, 29 Jun 1997 22:23:34 EDT
From: wa5whn@juno.com
To: qrp-l@Lehigh.EDU
Cc: w5bi@flash.net
Subject: [22158] Field Day, 2A, NM, W5BI WOW !! from grid square: DM66na
Message-ID: <19970629.202242.6567.0.wa5whn@juno.com>

QRP-Lers,

WOW !! Where do I start ? First, I had tried Cecil's suggestion on 40 meters, drooping one leg of the G5RV on 40 meters. Yes, it works, Tnx for the suggestion. I was on CW, from grid square: DM66na @ 9,600 feet asl. 70+ feet Ponderosa Pines were home to 4 antennas this year. Don't You love it when You can bring along a deep cycle battery, and the specific gravity indicates that the battery still shows that it is fully charged after the event. W5BI (W5BI, WB5LYJ & WA5WHN) had run an Icom 706 into 2 bazooka antennas & 20 meter dipole (phone, QRO). I had run my Ten-Tec Scout (throttled to 5 watts) into a G5RV. The lowest antenna was at 60 feet, and the highest was close to 80 feet. Amazing, as we get older, our aim improves with a sling shot. Some of the these old Ponderosa Pines, at our Field Day site, are older than our Country (USA), and rose quartz (boulders) every where.

I did not work one Alaskan station. The G5RV, one lobe was favoring Alaska, and NW USA. WOW !! Lots of WWA, and Oregon section stations worked.

On cw, my bandpass was set @ 250 Hz, and there were several stations on the very same frequency, calling CQ FD. Amazing, something about 14 lbs. of groceries being placed in a 12 lbs. sack.

15 meters was open on Sat. & Sun. almost all day. On Sunday, I had thought 15 meters was only open to California, until I had worked KH6RS (1A, Pacific). 20 meters was open all 24 hours. I had worked numerous neighbors in Arizona, & stations in the South Pacific. 80 cw, with QRP, was a challenge, but I had repeatly worked stations on the East Coast.

I was pleased to work so many QRP-Lers, during this contest. In fact, You can tell who the QRP People are, they still send "QRL ?", during a contest, and will have a short QSO, during a contest.

I had heard several JA's in the Contest. One had keep trying to copy me, but the QRM was fierce, on 20 cw.

Photos will be in the W5BI URL (http:.//www.flash.net/~w5bi/). Wait, they are not there yet.

We had made slightly less than 600 contacts, without really pushing it (Phone-QRO, CW-QRP).

Did anyone loose a Fedora Hat ? The wind was blowing, and we did see one fly by @ 9,600 feet. Some love struck Crow was chasing it. ;-) (Hello AB7TT)

The Milky Way & a few meteorites did make gazing into the sky worth while, late @ night.

This year, the electrical storms had bypassed us, and we did not have one electrical failure.

WB5LYJ had cooked a hot pot of "posole".

Friends, Food & Frequenices were superb this year.

72...Jay, WA5WHN

PS Don't forget, NA5N, W5BI, WB5LYJ & I will be operating (QRP & QRO) from a Special Event Stn, this coming week (check the W5BI URL for details).

Date: 29 Jun 97 22:28:07 EDT
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
To: "INTERNET:wa3nna@resuba.com" <wa3nna@resuba.com>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@CompuServe.COM>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [22159] WA3NNA QRP FD REPORT
Message-ID: <970630022807_70511.3041_IHD73-1@CompuServe.COM>

Pete:

>> There sure of a lot of loud stations out there who can't hear. <<

A comment re the loud stations who could not (would not?) hear--I agree. Seemed to me that some of the loud hams really enjoyed *sending* CQ-FD rather than actually working someone. So there would be spots

where these huge and seemingly endless CQ-FD's were with *several* guys fruitlessly trying to respond, but in vain.

I thought the point was to send...then listen...then send again if no one is calling back. "Communication" is 2-way, isn't it? I would think someone at the FD site would wake up and realise that "nothing is happenin', man".

Seems to me part of the problem may be using computers for everything, from automatic keyers to automatic logging. Maybe it is just too automated, etc. I am not a Luddite and am comfortable with CW at 40 wpm, but still sometimes found it impossible to get even a DIT in between the end of one CQ and the beginning of the next. Incredible.

BTW, this is in no way sour grapes. I logged 119 QSO's including one in Belgium (!), another in Hawaii, and working 34 states plus all but two provinces in Canada. So getting out was not the problem. Perhaps consideration might be given to recommended spacing? (I also realize that some of this continuous sending is done to keep control of a given frequency.)

My setup was very basic = Sierra at 2 watts to a SLV/W6MMA powered by a marine battery. With seemingly lots of power remaining. Also used an Autek QF-1 filter and Kenwood headphones. Paddles were the Schurr,.even though the package says don't take them outside, etc. SSHHHH...

Just a few thoughts.

72/73,
--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 mn-qrp 19 nj-qrp 69 ak/qrp 139
ARCI 9398 ARRL WAS 49/38 DXCC 47/39 <><

Sierra Argosy 525 Argo 515 HW-9 Explorer II-30 SW-30 Norcal 40a
Emtech 40-40 SW-40 TT 1340 A&A Gary Breed 30 49er 38S Schurr
Paddles MFJ 259 MFJ 941D TNT/2 Windom SLV/W6MMA HB G5RV
Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

---

Date: Sun, 29 Jun 1997 21:38:48 -0500
From: Bob Liesenfeld <wb0poq@visi.com>

To: QRP-L reflector <qrp-l@Lehigh.EDU>
Subject: [22160] Re:Keyer
Message-ID: <33B71C38.34D53A32@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

   Thanks to the many people who responded to my keyer inquiry. I have decided to order a TiCK-2. Looks like this is just the ticket. Thanks again
72   dit dit
--
Genuine E-mail From the Land of the Everlasting Icicle...
Bob Liesenfeld
wb0poq@visi.com

Date: Sun, 29 Jun 1997 19:46:25 -0700 (PDT)
From: kd7s@psnw.com (Bill Jones)
To: qrp-l@Lehigh.EDU
Subject: [22161] Perfect Field Day
Message-ID: <199706300246.TAA11529@sierra.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Friends,

This year's F/D activity was as close to being perfect as anyone can hope for. I operated 1-B (battery) single-op, from Kings Canyon Nat'l Park in the central California Sierra mountains. The weather was warm during the daytime but a bit on the chilly side at night at 6,500 ft. a.s.l. I built a brand new antenna for the event and it appeared to work quite well. It was a bi-square for 20 meters with a switch at the top to transform it into a full-wave loop on forty. I used two lengths of nylon line to activate the switch. The slingshoot/fishing reel combination got a support rope up 70 feet in the tall trees. I used my Icom IC-728 at 4 watts output and an 88 Ah gel-cell for power. The battery voltage went from 12.76 volts Friday afternoon (when I set up) down to 12.52 volts by Sunday afternoon. I made just over 200 contacts in the twelve or so hours I operated. This year I didn't see a single bear (unlike a couple years ago when I had one run through my camp at mid-day.) The park rangers were very cooperative and my fellow campers didn't complain that my transmitter was messing up their TVs. The highlight of the whole weekend was working several members of this list. It doesn't get much better than this.
==========

Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
==========

Date: Sun, 29 Jun 1997 23:38:18 -0400
From: "Michael S. Dooley" <msdooley@why.net>
To: qrp-l@Lehigh.EDU
Subject: [22162] CB to 10 info
Message-ID: <199706300338.XAA67013@nss2.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tom,
   I've had good success with the books from CBC international in the past and have converted several CBs to 10 meters. I've done AM, SSB, and FM conversions. He has a lot of good data on the PLLs used and add on boards for converting various radios. Try it out.

Mike N5BGZ

+ msdooley@why.net + N5BGZ +
+ Mike Dooley + former KE4PC +
+ 202 Lavon Shores Drive + NorCal #75 +
+ Princeton, Texas 75407 + QRP-L #1036 +

Date: Mon, 30 Jun 1997 04:54:26 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [22163] NORTEX FD 1A
Message-ID: <199706300354.EAA04329@chuck.dallas.sgi.com>

Gang,

Got up Saturday at sunrise after a long week at work and excited about the first day of field day. Just seemed like yesterday that it was that time last year. Looking like a nice day in progress.

The plan was to meet with the gang at McDonalds near the park to have breakfast together and get some ideas discussed about last minute issues. Hey, you don't think that everyone has everything done come the day of field day do you?

Got to the restaurant at the appointed time of 8am and Smitty NA5K, Mike Dooley N5BGZ, Dick Kapalczynski ex-AA2WJ, Bob Kmak K5WO, and myself had breakfast. You can't start field day on an empty stomach.

We left the restaurant at 9am and when we got to the FD site, a park in North Dallas/Richardson that we use for a lot of the in the field events. Bill Pierrand K5JHP and Baity Bartel W2LQ were already there. Bill manages every year to get all the equipment, tables, logs and scratch paper, antennas and just about everything we need into the back of his pickup with a small camper cover. We couldn't do field day without him.

Mike Dooley has the neatest setup for antenna supports and I will try to describe it and he can correct any errors that I make. Paul Harden can draw up the diagrams for his hints and kinks. Take 8' sections of 2x2's and join them using L-metal pieces about 1 or more feet long (also 2" on a side). This metal has the oval openings about every inch or so. Drill holes in the 2x2's and use two L-pieces with screws and bolts to hold the pieces together and the metal forms a hollow square tube for support. Goes together rather fast.

Last year we used 3 16' supports each made up of two 8' sections using the above technique. We used one to hold two ends of two 140' long wires end-fed, one SSE and one NNE.

This year we made a 32' section for the center section and used two 16' sections for support of a dipole with 140' per side. Dipole oriented lengthwise ESE-WNW. This antenna worked super. Fed with 450 window line and we used a Dentron tuner, but any good tuner will do the job nicely. This antenna played nicely at 5W and most likely the antenna of choice from now on.

Mike hammered 4 wooden stakes into the ground 16' from the point where the center support was placed, two parallel with antenna either side and two at right angles to the direction of the antenna. 32' section has eye-bolts at the 16' point and the top for the guy lines (nylon rope also obtained from home depot). Neat idea from Mike was another eye bolt with 32' loop of rope used as a mechanism for raising and lowering the antenna just in case. He tied the guys to the middle support and to the stakes on each side and we raised the mast and then tied off the other guys. It was too simple. You had to be there to

believe it. We almost felt like we had to go back and do it again the hard way. It just wasn't the FD way to get off so lucky. Thanks Mike for the antenna work. Oh, using #14 stranded house wire with insulation. Works great and cheap. Not for backpackers though.

Rest of the setup was done in short order and we were ready to rock and roll.

Appointed time came around and we started off with a bang. I was logger and Dick was the paddler. Using K5JHP's TenTec Scout with WM-2 and Dentron tuner we were at 5W and we started on 20m. Envirotronic 501F paddle of Bill's.

We went from 1pm to midnight and then we tore it all down. We did it long enough to get it out of our systems and we didn't feel like taking a lot out of ourselves trying for any 24 hour effort.

Let it be noted that we used W2LQ for our call. The biggest problem was the number of repeats asked for on the section. NTX just doesn't seem to be in the minds of FD'ers. I'm sure the 2-call in 5-land kept people on their toes. Trust what you copy the first time gang.

I had to beat on Smitty after dark when he was operating to go after the KH6 and he was in PAC. This on 20m. We did not hear AK at all. Worked a 29A in NH and another 20A somewhere during the day as I recall from memory. I can probably quote you about 50 or more calls worked, kinda like playing cards and remembering hands.

Let it also be known that I did not make a single contact or call a single CQ. I just sat in a lawn chair when I wasn't logging and running the DUP sheet. I did holler "DUPE" and "BEFORE" from the chair once in a while when I heard a call come up on the speaker. :-) First FD that I ever remember not working a single station.

The purpose of the exercise is to get operators experienced. Mike Dooley is now ready for the Extra code test. He takes his test on Saturday July 5th. Good luck Mike.

On the discussion of code speeds for FD. The high speed guys are running at 30wpm and better. Those are the competitive groups. You gotta do a lot of operating all year to keep that up. FD is slow compared to SS though. IMHO.

We had fun and some thunderboomers in the area and a slight shower about sunset. Beautiful cloud formations to 35K feet and red light of the setting sun and cooler temps than earlier in the day. Good thing a breeze was blowing all day.

Thanks to all the visitors that dropped by during the day.
You meet a lot of people at these things. I left out all the
calls of all the rest of the gang and I'll try to remember as
many as I can. W5WO Wayne (yes, we have W5WO and K5WO), Jack
N5KSJ, Larry N5OSG, and that's all that I can recall right now.
My apologies to any omissions.

I hope the sunburns weren't too severve and no bites from the
critters in the fields. Next year dudes and duddetes.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/adams/
WIMPS: Qs=039 30m=32 17m=5 12m=0 States=23/05/00 DX=03/00/00 QSLs=014

Date: Sun, 29 Jun 97 18:20:07 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@Lehigh.EDU
Subject: [22164] Survived FD
Message-ID: <9706300420.AA01735@krypton.nmr.Hawaii.Edu>

This was my first QRP field day. The site was magnificant, a large
park/campground/botanical garden at the foot of the mountains on the
windward side of Oahu. Fortunately the local weather was well understood,
so tarps suspended over the picnic tables, tents, umbrellas and lots
of plastic bags were brought by all.

There was the club QRO station and my TenTec back by itself 40 feet
away on its own table. As fate would have it, CW did not seem to
be catching anyone, and I am painfully rusty through too much fun with
VHF stuff.

But I did make a couple of contacts on SSB on 80, 40 and 20 meters.
After many hours, it seemed like the world was full of alligators.
I was heartened by the fact that the QRO station was also having to slug
away to get contacts. Interestingly enough, they made about 20 times
as many contacts with 20 times as much power, just coincidence no doubt.

I also called a number of times on 30 meter CW and answered a number of
CQ's there, but no answers.   I was using about 200 feet of wire from
a tree with a tuner, ground stake and a set of counterpoise wires.

I was blown away with the receiver performance. Compared to my limited

space antenna systems forced on me by the home QTH, a real antenna was overwhelming. Even though I could not quite get it to load on 160, I even heard one station calling on that frequency range.

Saturday evening I did well on 20 meters. Sunday morning 20 opened about sunrise to the mainland as expected, but everyone must have had their beams pointing east. I heard many many stations, probably from the QRP power levels leaking off the back of their antennas, but a couple of hours of calling everyone I heard calling CQ Field Day netted not one contact. I guess Saturday evening at least a few people had trained their antennas to the west.

40 meters was pure chaos. Sunday morning it was so overwhelmed by the strong Japanese AM broadcast stations literally shoulder to shoulder, that I could barely make out just one weak SSB station crammed into one of the narrow cracks.

80 meters in the dead of night was loaded with signals, but it seems that 2800 miles was just too much air for the five watts. Several people said they were hearing me and tried to drag the info out, but just could not make the contact.

The motorcycle battery was fantastic. It is a 12 amp hour unit. The rig draw 2.1 amps on transmit. After 14 hours of service, however, the battery arrived home with excellent voltage and lots and lots of left over charge. With the duty cycle it was getting, it was hardly phased.

All night was visited by explosive episodes of high winds lifting and cracking the tarps like whips, sudden downpours about four times an hour and sometimes both high winds and rain at the same time, causing one to flip open the umbrella to guard the rig from rain driven horizontally under the tarp. The picnic bench seat was hard as the rock of ages.

But the setting was beyond description, surrounded by plants that looked like a set for some prehistoric movie, mountains shrouded in a solid mass of clouds, wind, rain, and cool temperatures, but still surprisingly comfortable with just a little preparation. Besides if you positioned the propane lantern just right, the moderate breeze between strong downbursts would blow the heat right across the operating position.

All the trees and bushes had little metal tags giving the common and scientific names, a nice touch...

I could have done without the 500 yelling, hymn singing Christians in the adjacent campground, but they all crashed at 10:30 Saturday night and did not start moving around Sunday morning until after 7.

All in all, a fabulous night of camping, outrageous plant life, scenery, wind, rain, antennas, rigs, experimenting, yelling into microphones "Pacific Pacific Pacific Pacific PAPA ALPHA CHARLIE!!" only to hear the other station say "Right, we have you as Pennsylvania, QRZ field day."

Mike Burger AH7R Honolulu County Grid: BL11ch QRP-L #1053
FISTS #3225 ARS #240 "Under the Bee's ... 28"

Date: Sun, 29 Jun 1997 21:57:20 -0700
From: David Adams <adamsclan@netgate.net>
To: qrp-l@Lehigh.EDU
Subject: [22165] Make it stop! I can't copy that fast...
Message-ID: <33B73CB0.3CD0@netgate.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gads! My fridge is mocking me...after returning from my field day effort, the compressor on our fridge (it seemed so quiet before) is sending me code...at at least 40 wpm...I can make out a few letters, but what is it trying to tell me (I'll just guess that it is "Go on a diet!").

Regardless, what a blast...I did a 1B effort at the park next door...hw8, dx handy, 2m rig and the SLVern. No prizes won or records broken, but I did get lots of visitors. A few even listened to some code.

Lessons learned:

1) Sunblock...bring it...I shall remember that lesson for at least the next week...(somebody stop the pain...)

2) Speaker...bring one...the folks who stopped by were interested, but not that thrilled about sweaty headphones...

3) Pack your bags in advance...then unpack and repack until you have ALL the adapters you will need...missed w6piy on 10m because I didn't have the right adapter to put the handy on the SLVern...sorry Dave...

4) Food is good to have...

5) So is water...

Ah what fun...contacts made on 40cw, 10ssb and 2m fm...

73 de dave, n9uxu

Date: Mon, 30 Jun 1997 01:15:04 -0400
From: Bill Carver <bcarver@magiclink.com>
To: adams@chuck.dallas.sgi.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [22166] Re: NORTEX FD 1A
Message-ID: <199706300515.BAA42422@nss2.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well Charles, didn't even get to holler "DUPE" here. No FD atall in this part of Idaho. For next year I've lined up local college parking lot (surrounded by reasonable trees) so we can get LOTS of TV coverage for the good of Ham Radio. I'll do FD in the boonies for my own jollies the year after next.

Instead of FD I got the %$&!# code working for a 2-chip digital transceiver dial. 6 LED digits, resolution to 10 Hz on 40m. It's cat's meow, perhaps softens missing FD. But I do NOT enjoy working with the instruction set of the Microchips PIC16C63 very much.

Regards - Bill - W7AAZ

Date: Mon, 30 Jun 1997 03:11:41 +0000
From: Greg Emerson <gregemmy@lni.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22167] Re: Make it stop! I can't copy that fast...
Message-ID: <33B723ED.79A6@lni.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Adams wrote:

>Gads! My fridge is mocking me...after returning from my field day
>effort, the compressor on our fridge (it seemed so quiet before) is
>sending me code...at at least 40 wpm...I can make out a few letters, but

>what is it trying to tell me (I'll just guess that it is "Go on a
>diet!").

Ha! That reminds me of the time my wife called me to the basement because she SWORE the dryer was sending morse code. Skeptical me went down there and sure nuf, it sounded like it! I think it was trying to say, "I have a worn belt, fix me"!

I did and it stopped sending code. Boy, that sure is a tell-tale sign that you are spending too much time in the shack!

Regards all,

Greg WG8N

Date: Mon, 30 Jun 1997 00:38:51 -0700
From: Bill Todd <bill@techline.com>
To: nwq-l@scn.org
Cc: qrp-l@Lehigh.EDU
Subject: [22168] NW QRP Club FD
Message-ID: <1.5.4.32.19970630073851.006c8430@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Group -

I am still totaling up the score, but it looks like we put in a fine effort for the 4th NorthWest QRP Club's Field Day excercise.

Even if we don't break the 2A catagory, the Bay Center Field Day experience will go down as the most FUN of them all.

We had a super group of operators, good antennas, great weather, interested visitors, and hundreds of neighborhood kids to pester us with numerous questions (and eagerly snatch up cans of pop and cookies by the ton).

I should have the total score put together tomorrow sometime.

Thanks again for all of you who helped out!

Bye for now -

CUL - Bill-N7MFB
http://www.techline.com/~bill

Date: Mon, 30 Jun 1997 03:32:35 -0600
From: AE0Q V31RY <v31ry@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [22169] AE0Q Field Day, Colorado
Message-ID: <2.2.16.19970630093235.1b37b1e2@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

  AE0Q Field Day, Colorado   (Seven Sparks and a Gap)

Location: 30 mi west of Denver at 10,500 ft asl, in a big meadow
Call: AE0Q
Class: 1A, 100w output (using batteries and 4A solar panel)
QSOs: CW, 600
        SSB, 260
Ant: Wire Vee-beam directional E/W, 350 ft on each leg
Rig: Kenwood TS-450s/AT, LDG Autotuner, DSP-59+ filter,
           laptop running 'CT'
Ops: 7 hams and one soon-to-be-ham
           (WN0B, AE0Q, KL7ED, K0KI, K4ZI, N0SP, WA0KBT)

Worked K7SZ on a couple of bands, and chatted with op Paul AA4XX in
early morning on 80 cw. They had a good QRP signal on 80!
Conditions on 80m were best I've heard in 7 yrs of operating from
the same site with same antenna. From Colorado, I was working both
coasts all night. Lower-than-usual noise level. Had good runs on 15
and 10m during the days.
  Great food, mild weather and no rain made for a perfect Field Day..
Thanks to everyone that we worked!

73 -- Glenn

"Remember, any tool can be the right tool!"   Red Green

     AE0Q / V31RY   ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
  v31ry@ix.netcom.com   --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
http://www.qsl.net/ae0q

Date: Mon, 30 Jun 1997 06:58:49 -0400
From: Richard Powell <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU, Joe Lauben <lauben@kmrmail.kmr.ll.mit.edu>, William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
Subject: [22170] Heard at the 1997 FD "QRP Under the Fire Tower"
Message-ID: <1.5.4.32.19970630105849.006a399c@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Operated with the gang from Athens, OH, 1A Battery, total QRP, .- .- ---.. .
-... .- .- ---.. . -... .- .- ---.. . -... -.-
What a great group!

Wow, that fire tower is REALLY up there!
^%&$% didn't bring a hammer.
NOOOOOOOOOOOOOOOOOOOO!(Thanks to that station on 6M :))
What kind of bug is that? it's bringing it's own ground support crew!
500 feet of wait-a-minute bushes, this sucks.
Quick,,, what letter is dah-dit-dah-dah?
really, what letter is dah-dit-dah-dah? (this after operating about 8 hrs at a bazillion WPM.)
OOOOOO, coffee!
19A? did he say 19A?
KY? oh yeah,,, that's south of here!
Die bugs die!
I think I just worked 2 stations at the same time!
73
/rick

+---+
|Richard Powell   513-942-2542 (h) |
|Systems Integration   513-403-5083 (c) |
|Vertical Solutions Inc.   513-891-7997 (w) |
|http://www.vertsol.com   513-891-8063 (f) |
|ripowell@mpna.com   http://www.mpna.com/ripowell |
+---+

Date: Mon, 30 Jun 97 12:34:09 METDST
From: sassoli@ii1wh10.settimo.italtel.it
To: qrp-l@Lehigh.EDU
Subject: [22171] IF coils and filters
Message-ID: <9706301041.AA27749@ic8u32.settimo.italtel.it>

Hi to all.

I'd like to know, if someone can explain it to me, the meaning of the different colours in the 10.7 MHz and 455 KHz IF transformer coils.

Besides, in a new receiver project, can I use ceramic filters instead of these transformers? Have they the same function?

Last question is: does anyone know how much could be the cost of a MURATA 455 KHz filter model CFJ455K8 (it's a 1 KHz ssb filter)?

Thanks to all.

73 de Paolo IK2LNH

Date: Mon, 30 Jun 1997 08:28:24 -0400 (EDT)
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
To: qrp-l@Lehigh.EDU (qrp-l)
Subject: [22172] Athens OH FD Report
Message-ID: <199706301228.IAA15458@oucsace.cs.ohiou.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

The Athens Country Amateur Radio Association once again fielded a QRP Field Day effort in class 1A-Battery. A full report with photos will be posted soon to my web site (URL in sig) but in the meantime here is a preliminary report:

This year the ACARA operated from beneath the fire tower of the Waterloo Experimental Forest in Southeast Ohio. We had one HF station, a VHF station, a 2m packet station, and an RS-12 satellite station.

For HF we used my QRP+ and erected an 80/40m fan dipole, a 330' vee-beam, a 20m delta loop, and a 40m delta loop. All HF antennas were suspended, at least on one end, from the fire tower. All HF QSOs were on CW. HF operations (and 2m packet and RS-12 operations) occured in a tent. HF operators were WD8RIF, AA8EB, and WB6JBM, with logging help provided by KC8GLI and WB6JBM's some Matt.

The VHF station operated 6m SSB and 2m SSB/CW. The VHF antennas included a 2-element 6m yagi and a 4-element 2m yagi on top of a rotatable 50' carbon-fiber mast, a 3-element vertically oriented 2m yagi on a mast clamped to the camper, and a 2m colinear mag-mount about 70' up the tower. VHF operations took place under the awning of the camper. 2m was very inactive, but 6m was hopping, with many openings to Texas. VHF operators

were N8XWO, WD8JLM, and KC8GLI, with additional fill-in help by
WB6JBM and WD8RIF.

The satellite station consisted of my IC-735 at five watts and a 10m/15m
fan dipole mounted close to the ground. The single contact I made via RS-12
was a first for me and was quite a thrill. The satellite operator was
WD8RIF with help from WB6JBM.

The site was wonderfully quiet, both audibly and electrically. Unfortunately,
the trees were very dense and the open area wasn't quite large enough to allow
us to properly erect the vee-beam.

I haven't analyzed the logs yet, but a preliminary look shows that we worked
333 QSOs on HF CW, 60 on 2m and 6m SSB, 1 on 2m CW, 1 on 2m packet, and
1 via satellite RS-12.

72,

Eric

--

W. Eric McFadden WD8RIF   Athens OH
wmcfadde@ace.cs.ohiou.edu
http://ouvaxa.cats.ohiou.edu/~mcfadden

Date: Mon, 30 Jun 1997 08:37:09 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@Lehigh.EDU>
Subject: [22173] the IL-ZX for 40 meters
Message-ID: <Pine.SOL.3.94.970630083034.16311A-100000@utkux4.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For 40 meters in a very small plot and the desire to get very low angle
radiation but no room for any of the SCV antennas, you might want to think
about the Intermediate Loop with Impedance (Z) Transformation (X): the
ILZX. It is a small loop stretched to about 1/2 wl circumference, and by
using a double loop (a la folded dipole) we get about a 40 ohm feed
impedance, all without the physical capacitor needed by smaller small
loops. Gain is low, but signal-to-noise ratio improvements may compensate
for that. The antenna is a square 18' on a side and gives best results
when the bottom is about 6' off the ground (for a top height of 24').
Radiation is off the edge of the loop, not the face.

I just added some notes on the antenna to my site under the IL-ZX name, in case anyone is interested.

It is not a world beater, but in tight quarters, it might supplement that 102' flattop for more distant stations.

-73-

LB, W4RNL

L. B. Cebik, W4RNL
1434 High Mesa Drive
Knoxville, Tennessee
37938-4443 USA
URL: http://funnelweb.utcc.utk.edu/~cebik/radio.html

(Off)(423) 974-7215
(Hm) (423) 938-6335
(FAX)(423) 974-3509
cebik@utk.edu

Date: Mon, 30 Jun 1997 12:14:49 GMT
From: k8cv@juno.com (Walt D Amos)
To: ke3nv@erols.com
Cc: qrp-l@Lehigh.EDU
Subject: [22174] Re: Fox Hunt?
Message-ID: <19970630.124752.10070.0.k8cv@juno.com>

There seem to be many of these QRP types out there lurking around but not transmitting as they are sure that nobody will hear them. The Fox hunt at least gets them to try. Sometimes the fox forgets he's supposed to be on and that makes for a fun hunt..... :-) Brian and I will be on July 1 for something called 50/40/30 worked all states on 10.116 at 8pm EDT calling CQ WAS and then at 10 PM on 7.040 +/- QRM. Just about the same as the fox hunts but for guys and gals that need WAS. Brian is WA8LCZ

Give it a try.....might be fun.....

73

Walt K8CV

Date: Mon, 30 Jun 1997 12:34:33 GMT

From: k8cv@juno.com (Walt D Amos)
To: qrp-l@Lehigh.EDU
Subject: [22175] ANOTHER fd report.....
Message-ID: <19970630.124752.10070.1.k8cv@juno.com>

Hi :

Did FD from home 1E and QRP naturally ! Got two radios in the days just before the outing. First test contact with the scout at QRO 50 watts was T32Z and then turned it down to 5 watts and worked KH6AFS. So with that I was ready for FD. In all the scramble to get the battery hooked up and working I put 12v battery and my 5 amp power supply on the same line and with the power supply off promptly blew it up with voltage coming in the wrong way. Not to smart of a start. Did mostly SP , search and pounce, and only made 3 ssb contacts just to see that it would do it. My, that scout sure is a nice radio, stiff knob and all !

Bottom line.....

238 qso's

2350 cw pts + 15 ssb pts X 5 pwr mult + 0 bonus = 2,365 score

Walt K8CV

We're just a small sub-group of an eclectic corner of a dying hobby.....

Date: Mon, 30 Jun 1997 07:55:52 -0500 (CDT)
From: "Jeff M. Gold" <JMG@tntech.edu>
To: qrp-l@Lehigh.EDU
Subject: [22176] Field Day/QRP-Rigs
Message-ID: <01IKOCNEE28E8WWBCN@tntech.edu>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Hello,

well finally went all QRP for the TTARS (Tennessee Technological University Radio Society) Field Day.. I did, the club also had one of those "other" rigs set up.

Tried a numbe of rigs.. here are some bried observations, Using a G5RV, up at about 30 feet, and the LDG QRP autotuner:

1) The Index QRP Plus was ABSOLUTELY useless in my local. The

receiver became severely overloaded on ALL bands and couldn't be operated

2) The norcal 40 A.. receiver worked GREAT!! found I liked just a little bit more power to use during this event with my antenna and location

3) the LDG autotuner performed flawlessly

4) my Ten Tec Argosy II worked well at about 4 watts CW and 3 Watts SSB. Much easier on CW side, but had a new ham out there using SSB and had a good deal of success.

5) gave my new Emtech 40 meter transceiver trial by fire. It worked VERY well. I used it as my main rig for all of Field Day. I did not use any additional fitlers. I have the audio filter and the variable bandwidth. Set the bandwidth to what was about 1/2 way on dial.. which is right before the signal nulls. I think the optional audio filter isn't optional.. but with it in, the rig works GREAT. The QSK is about exactly the way I like it. I used an external speaker and rig drove it very well. I ended up using my novice straight key. I am going to build a speaker into the rig and hopefully add a Tick 2 keyer.

72
Jeff, AC4HF

Date: Mon, 30 Jun 1997 09:24:12 -0400
From: "L.C. Chadbourne" <lynnc@ibm.net>
To: qrp-l@Lehigh.EDU
Cc: lynnc@ibm.net
Subject: [22177] Review of T-kits
Message-ID: <33B7B37C.6BE0@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm just returning to this hobby after a long time. QRP interests me and I want to start with a relatively simple transceiver kit. I have two questions I'd like help answering.
-1- Is the 30 meter band active most of the 24-hour day or would I be better sticking to 20 or 40?
-2- Ten-Tec T-kits look interesting but I've not found any reviews or operator's comments. How do they compare other low priced QRP kits currently available?

Thanks for your input.
N5LC

Date: Mon, 30 Jun 97 09:37:48 EDT
From: Bill Acito 30-Jun-1997 0858 <acito@asdg.ENET.dec.com>
To: -qrp@us1RMC.bb.dec.com
Cc: acito@asdg.ENET.dec.com
Subject: [22178] For Sale: Initial offering of some QRP classics
Message-ID: <9706301337.AA04082@us1rmc.bb.dec.com>

Well, if Field Day taught me anything this year, it's that I need to spend more time operating and less time collecting.

I've done some pricing research, but if you think the prices are way out of line, let me know. I've said "best offer over" not to instigate an auction, but to give those folks (especially the digest readers) who would really like one of these rigs an opportunity to go after it. I may also pick names out of the hat if need be (I could also be way too optimistic here :-). Please, no 'trades'; I'm looking to lessen the amount of equipment. Enough said.

1. Heath HW-9, with matching tuner and swr meter. This is a 'collector', and probably not a 'user' rig. It was built, as I was told, by a Heath technician, and the workmanship shows. Absolutely mint, with WARC bands, no mods. The tuner and SWR meter were added by me, and show some wear, but would give you a complete set. With manuals for the rig only. Offers over $400, we split shipping.

2. Index Labs QRP++. I am original owner, (S# 0632) and had the upgrade to the ++ done by Index. Rig has only see significant use at the past two QRP_NE field days. No mods, With all documentation, a folder full of info off this list, and manuals. Mint physical condition. Offers over $450, we split shipping.

3. Ten Tec Argonaut 509. Excellent physical condition, with extra side panel (original owner had put a mike jack in a side panel, I will include a spare panel to put the rig back to 'stock'; jack is gone, hole is left). With manuals, we split shipping, offers over $275.

4. Ten Tec Argosy 525 with digital display and RF gain mods, S#23. This rig shows its years, but is fully functional and has _all_ filters. The casing has a substantial number of small nicks and dings, but silk screen is intact; I have a replacement bottom panel from Ten Tec that I will include, the top is no longer available and needs to be re-painted. With manuals, we split shipping, offers over $450.

5 TenTec Century 21, with blown finals. I just haven't had a chance to fix this one. Are you an Elmer to a new novice, and willing to put a little work in this rig? Let's talk; I'm willing to make a good deal on this for the right cause...

whew... I feel lighter already. :-)

. . . . . - I own my own words - . . . . . .
Bill Acito acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

Date: Mon, 30 Jun 97 09:03:34 CDT
From: QLF%mimi@magic.itg.ti.com
To: QRP-L@Lehigh.EDU, david.luscombe@compaq.com
Subject: [22179] QRP-L
Message-ID: <9706301403.AA08483@itg.ti.com>

Copy: Marcus, N5GEJ Wagner ARRL

From: Brad Bradfield QLF

Subj: QRP-L

Good morning QRP-L dudes and dudettes - -

I've been on POSTPONE for several weeks because of time constraints. I'm back now, but probably for only a few days, then back to postpone. I just can't keep
up with the posts, even in digest mode.

I just wanted to briefly report on this year's efforts of the Two Old Farts (myself and W5RIF) 1B-battery Field Day group. Were we the only ones who had a terrible time buying Q's on 20 during the day? Even 40 at night seemed to be way down from previous years. After struggling to make any contacts at all on 20 for the first two or three hours of the contest, we switched to 40 with somewhat better results. Fourty picked up a bit during the night. We switched back to 20 just after sunrise, and it was a bit better for a couple hours, but then back to poor to difficult. We finished with about three more hours on 40. Only worked a couple of California stations, which is very unusual.

We operated from Ft Parker State Park, near Mexia, TX. [Don't tell anyone how to pronounce that Chuck.] Nice location with lot's of antenna trees. Little did we know that we were only 50 feet or so from a chorus of "millions" of sex crazed bull frogs, all with only one thing on their tiny little minds, and all wanting to sing all night long. It was DEAFENING! The flying teeth weren't terribly bad. One good dose of OFF and a couple of citronella candles did the trick. Ah yes, logging by the light of a citronella candle. One of Field Day's
little pleasures.

I'm looking forward to hearing your stories of Field Day propagation to see if y'all had the same experiences.

Oh, well.

72's es 73's,

Brad, WB0CGH
****
Brad Bradfield, PE   Electrical Design Engineer
(H) 940-321-2960   Texas Instruments, Inc.
(W) 972-462-6230   (Soon to be: Raytheon/TI Systems)
                                   Real men talk with their fingers!

QLF@MSG.TI.COM
WB0CGH@WO5H.#DFW.TX.USA.NA
ARRL Life Member   QRP-L #377   SMIRK #4906   IEEE(M)   ARS #72
Collector of wireless and landline Morse keys and accessories.
****

Date: Mon, 30 Jun 1997 10:07:56 -0400 (EDT)
From: tmh@world.std.com
To: QRP-list <qrp-l@Lehigh.EDU>
Subject: [22180] Ten-Tec 6 Meter Transceiver Kit
Message-ID: <Pine.SGI.3.95.970630100117.4438A-100000@world.std.com>
Mime-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anybody have any experience with this puppy? It's advertised on p. 127 of the July QST (bottom left corner). 5 watts out, LED display, FM only, $195.

Is FM the primary mode on 6 meters? If I want to make a tentative foray into the "elite" world of 6 meters will this rig get me started?

It looks an awful lot like the 2m rig right above it. I'd be interested in hearing from anybody who's built that one, too.

Thank you.

-- Tim N1PAZ
tmh@world.std.com

Date: Mon, 30 Jun 1997 10:19:58 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [22181] SST 30M de N3XRV
Message-ID: <Pine.LNX.3.93.970630100826.617C-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, didn't get in on FD (building a kitchen for the YL:) but did get a few minutes to play with the SST.   I put in a 2-35pf cap in place of C10 and after poking at it 15pf seems good for tone, at 35pf the audio had come up substantially, but the tone sounded like the BUD-WISE-ER frogs, >200Hz? So think this comfirms my suspicions about the filter to BFO circuit, just not sure what "it" is yet. Although I also have no hard evidence, just a "feeling" about the connection/interaction of the filer/BFO. I broadened the IF filter per Waynes instructions in the manual, small difference but nothing dramatic.

So, anyone in the DC, VA, MD, DE, S.PA (2 hour driving distance) area got a 30M version of the critter I can listen to? I'm wondering if I'm expecting too much or if the one N6KR had at the hospitality suite (20M I think) just had a "rambo" LM386 in it. Hey, might try changing that and it's assorted parts around tonight... hmmmm...

72

-- Chris Cartwright,   Technical Engineer | ccart@vidtel.com   --
-- N3XRV   QRP WAS 15/9 (w/c) | ccart@erols.com   --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=02 30M=02 17M=00 12M=00 STATES=02/00/00 DX=00/00/00 QSL's=00 --

---

Date: Mon, 30 Jun 1997 14:23:20 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU, w1qk@snet.net
Subject: [22182] FD: 1-A CT, W1QK
Message-ID: <19970630142318.AAA5048@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Our local club ran 2-A at a site on Candlewood Lake near Danbury CT,
BUT Dan, W1QK ran QRP 1-A under his own call with a cranked-down TS-850
to either a 600' Loop, 40M Quad Loop (vert.), or a Tri-(bulation)-bander.
Worked 80, 40 & 20 CW for a total of around 3,900 points. Don't know how
that will rank, but it sure impressed the QRO guys in the club.

We pay a LOT of attention to antenna issues and it seem to pay off in our
results. F.Y.I. the 600' Loop can be put up by 2 people in less than 45min.
Sling-shot got to the 4 support trees ranging from 60-80 ft. high. =s=
"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

Date: Mon, 30 Jun 1997 07:30:14 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [22183] Field Day
Message-ID: <199706301430.HAA28049@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Along with everyone else, I had a great time at Field Day, my first that was
purely CW and QRP. Set up Friday morning, and got the SLV up about 8' with
elevated radials. The comparison with the ground mounted configuration
didn't show much improvement, and the tuning was obvioiusly difficult due to
the height of the coil above ground. But, with the MFJ-901B tuner, that

wasn't really a problem.

The best setup was of course with the G5RV at 40'. Didn't get a chance to use Cecil's 27' drop wire off the end, as the Forest Service insisted that we couldn't tie wires or ropes to trees.. dumb! Finally got the word that it was OK (all the wire was already up), as long as there were no 'dangling wires'. I had to explain that it was FD, and that there were thousands of Hams in the woods with wire tied to trees, and that it would all come down on Sunday. Dave Yarnes (W7AQK) noted that the FS had chained a picnic table to a tree very tightly, so that would have to come off too :^).

The rig was the Ten-Tec Argo II at 5 watts into the G5RV with the OHR WM-1 and LDG Autotuner. Worked great!
I didn't work hot and heavy, and only made about 40 contacts, but reached from Hawaii to WNY and MA, and down into GA, AL and AR in the South. As noted by someone else, lots of WWA and ORE stations on the air. Overall, I'm really pleased with the effort, as I wasn't out to gather points, but to have fun. Did contact a few on the list, but can't remember the calls, and my log is at home.

I still don't understand how anyone can make any contacts if they don't listen. Several stations seemed to call CQ endlessly, with lots of takers, but wouldn't listen long enough to hear them before going into the CQ loop again.

The xyl tried the N/T station, but got frustrated and only made 5 contacts. Her code is just not quite up to FD speeds, even on that band. Auto keyers and keyboards, I expect, plus all the adjacent noise. Not a good experience for someone trying to build speed when the recognition isn't too solid at that. Back to the Codeboy and tapes until she gets past the tests.

The Az ScQRPions had a good contingent up there, with Floyd NQ7X, Brian W5VBO, Dave W7AQK, Gary AB7MY and Dan N7VE scattered throughout the forest. Maybe someday we'll get organized into a club group, but I doubt it...too much fun this way.

73,
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
Grid DM43bi Lat 33.334500 Long -111.87260
NorCal #1221 ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL
http://www.dancris.com/~ki7mn
WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=5

Date: Mon, 30 Jun 1997 07:43:39 -0700 (MST)

From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [22184] Re: Field Day/QRP-Rigs
Message-ID: <199706301443.HAA28241@usr05.primenet.com>

Jeff (AC4HF) wrote:
>
> 1) The Index QRP Plus was ABSOLUTELY useless in my local. The
> receiver became severely overloaded on ALL bands and couldn't be
> operated

Hmmm. Sounds odd. I've used my QRP+ in the past few CW SS
events (the Great QRM 'Fest :-)) and didn't have any problems.
Shouldn't think FD would cause trouble. All bands? What did
you have your filter set to? Was it one big BC station coming
through or are you saying the CW sigs were blasting it?
Perspiring minds want to know.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It was the monkeys! The monkeys did it!"

Date: Mon, 30 Jun 1997 10:47:46 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [22185] Re: SST 30M de N3XRV
Message-ID: <Pine.LNX.3.93.970630104023.617E-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>few minutes to play with the SST. I put in a 2-35pf cap in place of C10
>and after poking at it 15pf seems good for tone, at 35pf the audio had
>come up substantially, but the tone sounded like the BUD-WISE-ER frogs,

Ooops, one more thing. I bypassed the IF filter with a 56pf cap (chosen
at random) and got very "decent" audio, trouble was I could hear the whole
band at once:) I just want to get this thing running well before the KC-1
and ABX mods go in. Also put together the 12V 500ma (3 4V units) lead
acid battery (1.5"x1.5".1.5") from RS, will keep the group informed.

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com   --

-- N3XRV   QRP WAS 15/9 (w/c) | ccart@erols.com   --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=02 30M=02 17M=00 12M=00 STATES=02/00/00 DX=00/00/00 QSL's=00 --

---

Date: Mon, 30 Jun 1997 08:57:58 -0600 (MDT)
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-l@Lehigh.EDU
Subject: [22186] QRP+ and FD
Message-ID: <199706301457.IAA00772@ns-1.csn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My unmodified QRP+ was the CW rig for the second year. 500+ Q's and no
problems. The SSB station was also QRP however.

72, Bob KI0G

Date: Mon, 30 Jun 1997 16:00:28 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [22187] FD Update
Message-ID: <199706301500.QAA06424@chuck.dallas.sgi.com>

Gang,

I've had a number of emails and also from the number of posts
there were a lot of people seeing the same thing, i.e. no response
from calls to certain stations calling CQ.

Here are some scenarios. Pick one:

1. FD brings out a lot of people that don't operate the rest of the
    year.
    Good News: It brings out a lot of people that don't operate the
                rest of the year.
    Bad News: It brings out a lot of people that don't operate the
               rest of the year.

2. FD setups are FD setups. Unless you are the person providing the equipment the station is new and sometimes cumbersome to operate. New keyers with some strange or new programming sequences, paddles which the owner won't let you adjust, antenna setups that are sometimes questionable .... On the keyer, when programmable, put in CQ FD sequence, exchange, and another button for class only and another for section for repeats. Also note. Use proper spacing between characters all the time. Heard a lot of continuous characters run together. CW is all about timing.

3. There is a lot of background activity going on and at some point and time a distraction may occur that causes you to be missed when you call.

4. RIT left in wrong position.

5. No RIT.

6. The rig you are operating on is offset by some delta-f unknown to you. What good ops will do is move over a 100 Hz on the next call and try this two or three times and then move on. Just how bad do you need the contact? Since there are no section multipliers in FD you could work another station down the band in the time it would take you to get the station you are calling. Come back later when you are bored. :-)

7. Beginners, lots of beginners on the air. Now to me this is the best news of all. Elmers: take the time to show them the ropes. Stick with them. Without any new blood coming down the line FD will die. In fact the hobby will die. So if the other station asks for repeats give them. Be patient. I always say that that same individual will not forget and will come back next year to haunt you when they get better. :-)

8. Some mentioned receiver desensitivity. We saw that even on the TenTec Scout. Dallas is crowded and there are a large number of clubs out on FD and some near us at other parks and running 100W and near the frequency. And for the groups that you hear with classes like 10A and up, they most likely are fighting the opposite mode on the same band, so they just might not be able to hear you.

... and the list could go on.

Working FD or a contest is something that takes time to hone a new set of skills. It is not like the day-to-day operating of a typical ham. And it's not something that a number of people care for or want. It's just something else to do and it is the only exercise that gets a number of people with different interests operating together as a team at

one time.

There are a relatively large number of high speed CW ops. They will operate almost every and any exercise. That's why they are where they are. So, knowing that fact, what you gonna do? Practice, practice and more practice will help.

Smitty NA5K and I ran over to one of the neighboring FD sites just to see how they were doing. They had five stations set up and only four in operation. Not a single CW station. That's why there are 2 points per for CW. The 20m station was using a vee-beam (only 1 lambda to a side) with angle of 110 degrees between legs and it was only 6' in the air. How well do you think that will work? And another thing, it was quiet at the site and they were not using headphones. At the NORTEX FD site you could read the stations at 50' or better. Of course having only one rig (well there was an attempt at 6m again but we didn't make the 10 contacts like last year) allows one to crank up the volume a little higher.

I think our Q rate was up from last year (better antenna?) (K5FO didn't op), so I don't think FD was down across the country. It is an exercise to test equipment, operators, and antennas. ARRL results in QST will tell the tale. We heard them we worked them.

If you didn't have fun and/or had problems getting contacts then a reconfiguration may be needed in the setup. I will always believe that antennas are #1 at any power level. Physics at work and Maxwell's Equations work at any power level. Ask the Zuni Loopers about antennas. That is their speciality next to having fun.

So chalk up another FD experience and look back and figure out what was done right and throw out what was done wrong. It's a new day.

Oh, another hint and kink. Smitty and the gang worked on putting the 450 ohm window line on the dipole. The line was already on a insulator and on another dipole which was cut off and about 4" on wire left to solder the new 140' legs to for connection. The group was using a small pencil sized butane torch. They put flux on the wire after it was wrapped then while heating the wire someone else applied the solder. They jumped several times after coming in close contact with the flame. HOT. OK gang, I suggested they wrap the solder around the connection on the next one and then heat it. Smitty thought that was neat and that I should pass it on. I use it all the time even when using a soldering gun on antenna wire(s). Works for me. Keeps you away from the heat. Also gives you a free hand to work with. Gives you practice for winding toroids. :-)

I think we outta bring back the /portable, e.g. W2LQ/5 or K5FO/5, requirement on the callsigns during FD. It'll keep the comments from happening like the /KH6 had from PA. That's interesting, PA/PAC :-)

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/adams/
WIMPS: Qs=039 30m=32 17m=5 12m=0 States=23/05/00 DX=03/00/00 QSLs=014

Date: Mon, 30 Jun 1997 08:05:32 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [22188] Re: Make it stop! I can't copy that fast...
Message-ID: <199706301505.IAA29476@usr05.primenet.com>

Dave (N9UXU) wrote:

> 2) Speaker...bring one...the folks who stopped by were interested, but
> not that thrilled about sweaty headphones...

Ya know, this is a great point. I'd decided to leave my
little Rat Shack speaker at home since I figured passing
hikers wouldn't want the quiet of the great outdoors
pierced by morse code. Turns out most of 'em wanted to
hear what the heck I was doing! Might've been able to
snag a convert or two out of the herd if I'd had the
speaker. And you can always turn it off and go to 'phones.

> 4) Food is good to have...
>
> 5) So is water...

5.5) So is caffeine...! :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Beware of Geeks bearing GIFs."

Date: Mon, 30 Jun 1997 10:12:06 -0500
From: AA0QX <AA0QX@prodigy.net>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: Stanley Wilson <microres@crl.com>

Subject: [22189] 11m CB to 10m Conversions
Message-ID: <33B7CCC6.3F45@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Stan,

1) Do you have a schematic for the conversion to 10m FM?

2) Generally the stores "sell" the microphones to the CB's and then
throw in the 23 channel CB for free!

72 de Austin AA0QX

Date: Mon, 30 Jun 1997 08:19:37 -0700 (PDT)
From: Randy Foltz <rfoltz@wsunix.wsu.edu>
To: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22190] Re: For all who missed Field Day 1997
Message-ID: <Pine.OSF.3.95.970630075852.31655B-100000@unicorn.it.wsu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>
> Fellow QRP-L calls heard/wkd - N4BP (Bob), AA8EB (Mike), AB7TK (I
> spoke to Randy's FD co-conspirator), and AE0Q (Glenn).

Yup. I had just finished making orange sherbet and was sitting around
eating the last of it. The local club ran 2A, one SSB and one CW.
Unknown to the other ops, I turned down the CW rig to 5 W and had them
help or actually run the rig. At the end I asked them how often stations
failed to return their calls. Answer, of course, was only a few times.
Most were quite surprised after I told them they were running QRP. We
didn't burn up the air waves, but had a great time. WX note: Sunday was
45 to 55 all day long. Most folks had at least 3 layers of shirts.

Randy
AB7TK ARCI   QRP-L   NORCAL   NWQRP ARS
Moscow, ID

Date: Mon, 30 Jun 1997 11:27:12 -0700
From: Jim <kw3u@warwick.net>
To: qrp-l@Lehigh.EDU
Subject: [22191] FD Report
Message-ID: <33B7FA80.6280@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FD 1B EPA KW3U
WHEW!!!Its over and I can't wait til next year.

Main Thought: It was a blast and I had a really nice time as always.

Location: At the bottom of the mountains where the Delaware River
courses thru with whitewater canoes and rafts full of YL'S
that make Baywatch look conservative.

Equipment: Argonaut 505; Mfj tuner; solar panel with cyclon 6pack
battery; long wire(2 or 3 hundred ft,,didn't measure.)
Other less meaningful items included a REAL shaky
card table; big citronella bucket(more on that later);
and a cooler with unspecified beverages. OH yes my
navy flameproof straight key(never leave home without it).

Results: 40m - 30; 15m - 14; 20m - 13; 80m - 70

The Fun part: The op's that reallly tried hard to get correct
exchange during the qsb fades, even the bigs stns.
Ops that took the time to send 73/GL/GM/dit dit.
Had experienced nothing but courtesy all over the bands
and really liked running into familiar calls from
other contests. Working the Novices on 80/40..Man
they were really trying..I love it.

Nostalgia: For about the last five FD's I've been hauling around this
old citronella bucket which always provides lotsa
entertainment in the late evenings and this year was
no exception. Some of the winged critters had Really
big wingspans and talk about crashing and burning, they
put on a kamikaze routine fer a while. Probably sent
up fm Texas to scare me and keep my score down.

Strangeness: I'm probably not the only one who has experienced this?
Late in the night worked an old 1X2 call with a hollow
sound and got a cold feeling on my neck and the propane

lantern was acting funny; I tried to send with my
best fist to this guy...It was one weird feeling...
better reach into the cooler again...

Finally: Enjoying the FD stories, keep em coming. The argo 505
is terrific(even tho it doesn't have the cw filter..sigh)

72 Jim kw3u

Date: Mon, 30 Jun 1997 08:24:47 -0700
From: Bill Todd <bill@techline.com>
To: qrp-l@Lehigh.EDU
Subject: [22192] Not responding to QRP stations
Message-ID: <1.5.4.32.19970630152447.006d20b4@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Good morning folks -

I know most of this is obvious - but I believe the reason why some stations don't
respond to a QRP station is either;

(1) You have already worked that station....and they don't want to spend the time
saying "DUP".
or

(2) They cannot hear you.

Number 2 is probably more likely, in most cases. We have to remember that most stations running Field Day are running at least 100 watts, and the operator at the other end may not have the best receiver in the world. so...unless you
signal is fairly strong...a less-than-perfect operator will not take the time
to return your call.

I know it is frustrating when you keep calling and calling, but that's the way it is.

We had many "no responses" on 80 meters CW, but we had very few "no responses" on 20 meters, probably because we had a 2 element quad for 20....and that gain antenna made up for the lack of a strong signal.

BCNU -

CUL - Bill-N7MFB
http://www.techline.com/~bill

Date: 30 Jun 1997 11:27:10 -0400
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: qrp-l:;
Subject: [22193] Re: MIR comm frequency
Message-ID: <1997Jun30.112710-0400@[130.113.234.7]>

In <33B552EA.6B3A@sage.dri.edu>, Monte Stark wrote:

>Hi Dean,
>
>I have been told that the vareation in siginal strength is caused
>by the polarity changing, which is normal with travel.
>
>I think I have seen this from stations up there that were not
>in any trouble too.
>

Gang, I've tracked a lot of unmanned weather satellites by hand,
with a linearly polarized yagi. These birds don't tumble, and are
carefully oriented. Their polarization does change close to the
horizon, but change's only slowly while overhead - certainly
not at the rate that Paul mentioned.
     More recent reports say that efforts were made to minimize
a "drift" in MIR's path.
     Perhaps we'll have to wait for Reader's Digest synopsisto learn
 how scary it really is/was.

Date: Mon, 30 Jun 1997 11:55:28 -0400
From: Rick Powell - WB6JBM <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [22194] Re: FD Report
Message-ID: <1.5.4.32.19970630155528.002fc22c@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey,,, I heard that guy! Sounded almost like he was running Spark!
/rick
WB6JBM
At 11:27 AM 6/30/97 -0700, KW3U wrote:
>Strangeness: I'm probably not the only one who has experienced this?
>   Late in the night worked an old 1X2 call with a hollow
>   sound and got a cold feeling on my neck and the propane
>   lantern was acting funny; I tried to send with my
>   best fist to this guy...It was one weird feeling...
>   better reach into the cooler again...
***** http://www.mpna.com/athens for FD97 info******
*Richard Powell   WB6JBM - QRP   *
*ripowell@mpna.com   Cincinnati, OH   *
*http://www.mpna.com   513-942-2542   *
*QRP-L - #1118   *
****

Date: Mon, 30 Jun 1997 11:57:30 -0400
From: Rick Powell - WB6JBM <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [22195] FD Ops
Message-ID: <1.5.4.32.19970630155730.002e530c@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just another .02

>From my long ago days of QRO: (back during some sunspot cycle when 10M was
THE band to be on)
1. Sites running 7A are subject to listening problems. If not from
QRM/De-sense then from QRN/Generators.

2. "Falling asleep on the keyer for 6 minutes" i.e. just calling cq and not
really listening, then actually listening, can cause pile-ups. Then, some
people, like moths to a flame, are drawn to the pile-up, and bang: high
intermittent QSO rate! I do NOT reccomend this as an operating practice,
although i have seen it done before.

This year:
20M was HOT!!!!!
80M was HOT-ER!!!!!

At one point, starting from the bottom of 80M, using the L&P method (listen and pounce), i worked a BUNCH of stations in about 40 minutes without really coming up for air. When i did raise my head/focus my eyes, i was only 40Khz up from the bottom of the band!!!! AND i had been successful on EACH contact! (well, except the guy who said I was a DUPE)

Using WD8RIF's QRP+:
WOW!!!! I have read a couple of posts about Rx desense/overload... Don't know any details of the rig, (mods etc...) but this little baby was hot! the only time I had trouble was with one station on 80M that suddenly cropped up while I was trying to copy someone down in the mud,,, and he almost blew my ears off!!! (hmmmmm, I wonder if it was Mike T???) Didn't have ANY Rx problems after that! (but then my ears were numb)

Re: Code speeds:
When I started operating this FD, I was struggleing at 10WPM... By the end of FD I was doing fine @ about 30! (except for the time when I couldn't figure out what dah-dit-dah-dah was...)
/rick

***** http://www.mpna.com/athens for FD97 info******
*Richard Powell WB6JBM - QRP *
*ripowell@mpna.com Cincinnati, OH *
*http://www.mpna.com 513-942-2542 *
*QRP-L - #1118 *
****

Date: Mon, 30 Jun 97 08:56:51 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [22196] Solo QRP Field Day in Oregon
Message-ID: <199706301557.LAA40640@nss2.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I had expected to backpack to my favorite volcano for 1997 Field Day, but the weatherman predicted some nasty stuff for Saturday. So I took a logging road to a ridge closer to home, in a more sheltered location. This spot isn't as dramatic as the volcano, but has wildflowers, sweeping views, an east-facing cliff, and lots of wildlife.

My only companions during Field Day were blue and ruffed grouse, mountain quail, and blacktail deer. The deer cracked me up. They couldn't see me inside the tent, but I could see them. They were curious about this artifact that had suddenly appeared in their domain, and walked right up to the tent. About three feet away they could hear the CW sounds from my headphones. Their eyes bugged out, their ears went straight up, and they eased away with little sideways steps.

I had lots of downtime during this Field Day, experimenting with different logging approaches and radio gear. And I got a pretty good night's sleep. I ended up with 221 Qs.

Right now, logging is the big issue for me. I just can't seem to find a logging system that is compact, fast, efficient, visible in daytime glare and nighttime dark, and operates on lightweight batteries. Oh--the other challenge is the rear end. Mine gets mighty sore.

The biggest surprise was QRP SSB. For the first time in a Field Day environment, I decided to give it a try, using a QRP Plus. Got 35 Qs on 40 meter SSB during the day, and I could have done much better if I'd known what I was doing. Very entertaining.

Russ Carpenter, AA7QU
McKenzie River, Oregon

Date: Mon, 30 Jun 1997 11:03:21 -0500
From: AA0QX <AA0QX@prodigy.net>
To: bcutter@teal.csn.net
Cc: qrp-l@Lehigh.EDU
Subject: [22197] Re: 12v Computer
Message-ID: <33B7D8C9.699F@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Cutter wrote:
>
> Another great FD with CT and my old 286 lap top is really quiet but the
> inverter noise is a bother.
>
> How do others solve the problem of powering a 12v+ computer from batteries?
>
> 72, Bob KI0G

I have used a 12 volt gel cell often, with various laptop computers. It works well. I have also used a 12 volt marine battery, which lasts much longer.

72 de Austin AA0QX

Date: Mon, 30 Jun 1997 09:58:07 -0600
From: AE0Q V31RY <v31ry@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [22198] Re: SST Field Day
Message-ID: <2.2.16.19970630155807.2ea7eda2@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>First Impressions- Wow! what speed are those stations running at! I bet
>they are cruising at better than 20 wpm. Does anyone know?

  A lot of stations use computer contesting programs that send the call and exchange.. One of the most popular, 'CT', won't go BELOW 22 wpm (versions prior to 9).
  I found that most stations on 80m at night were going about 24 wpm, but on the less noisy bands 28 to 30 wpm was pretty common. It's very easy to instantly change the speed with CT, and I always try to reply to stations at the same speed they answer me. I was usually calling CQ at 28 wpm when I was operating the station. Looking at the log, I see a number of instances when I worked 2 or 3 stations in the same minute..

  And I agree with Chuck, the November SS is faster!

73 -- Glenn

 Another month ends...   All targets met, all systems
 working, all customers satisfied, all staff eager and
 enthusiastic.   All pigs fed and ready to fly.

     AE0Q / V31RY   ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
  v31ry@ix.netcom.com   --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
http://www.qsl.net/ae0q

Date: Mon, 30 Jun 1997 12:36:28 -0700
From: "Floyd Soo, W8RO" <hires@rust.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [22199] USECA Mega QRP Field Day
Message-ID: <33B80ABC.5B6D@rust.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

1997 USECA QRP Field Day Initial Report

Location: Romeo, Michigan (30 miles north of Detroit)
Callsign: KK8M (Novice/Tech: KB8TAS)
Class & Section: 17A MI
Guest List: Over 200 people signed in, with MANY more that didn't!
WX: Absolutely beautiful! Clear, 80s in the days, 60s in the evenings!
Extra Curricular Activities: The Classic-Rock band "QRM" played into the
     wee hours late Friday evening, several B-B-Qs & pot-luck
     meals (with the USECA sponsored "Steak-Out" on Saturday),
     chaperoned kids corral, numerous horses, peacocks, sheep,
     kitty-cats, and other farm animals to observe and feed,
     and even some classic automobiles "cruised" in!

The USECA QRP Field Day was another rousing success! A good time was had by all that stopped by. Plenty of food and drink was on hand and of course, plenty of rigs, antennas, feedlines, campers, tents, etc. Some of the antennas that were out of the ordinary (dipoles, quads and yagis) were: phased 1/4 wave verticals on 80M, 1/4 wave vert and caged dipole on 40M, several wire arrays pointed at strategic directions for a couple of the higher bands and 5 sloping dipoles concentric around a common tower that was steerable via a relay box at the feedpoint. Rigs were mostly full sized rigs turned down to 5 watts, Omni-VI, FT-990s, TS-850s and 450s, IC-735s and 706s, etc. Plenty of auto, marine, industrial and truck batteries abound!

One observation that I made was that there were many YLs and teens there operating! That is very encouraging for our family oriented, socially active club! LOTS of newly licensed hams young and old came out to see what ham radio was all about! Saturday evening, one of the Detroit Classical Music stations broadcast a 1-hour show featuring one of our members, who was a professional harmonica player. It just fo happened that the DJ is also a ham, so ham radio and Field Day came up numerous times!

Another observation, many skeptics about QRP operations were surprised that 5 watts really can make a good showing in contest (and general communications) situations! Lots of myths dispelled about HAVING to run QRO!

I will post the station results here as soon as they are compiled!

Thanks for all the interest in what we are doing here in the Detroit area!

72,
Floyd Soo, W8RO
Past President, USECA
Net Manager and Board Member, Collins Collectors Association
QRP-L #392
hires@rust.net
http://www.rust.net/~hires

Date: Mon, 30 Jun 97 9:56:51 PDT
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: bill@techline.com
Cc: qrp-l@Lehigh.EDU (qrp), paul1@wizard.ucs.sfu.ca (Paul Erickson)
Subject: [22200] Re: Not responding to QRP stations
Message-ID: <9706301656.AA25727@wizard.ucs.sfu.ca>

> Good morning folks -
>
> I know most of this is obvious - but I believe the reason why some stations don't
> respond to a QRP station is either;
>
> (1) You have already worked that station....and they don't want to spend the time
> saying "DUP".
> or
>
> (2) They cannot hear you.
>
> Number 2 is probably more likely, in most cases. We have to remember that most stations running Field Day are running at least 100 watts, and the operator at the other end may not have the best receiver in the world. so...unless you
> signal is fairly strong...a less-than-perfect operator will not take the time
> to return your call.

While I would not claim to be a perfect operator (in fact I'm certain I'm not) even if they are using good equipment, they still may not be able to

hear you. I operated from VE7NSR (North Shore Radio) at the 2000 foot level on Cypress Mountain in North Vancouver. We used a TS940 and a super sloper on 40mtrs and an Omni VI with another super sloper on 20mtrs. Our "elmer" station used an Icom 735 and a Vee beam for 160/80/15/10. During the hour prior while I was warming up I worked one qrp station in the Sierras in California. My 40mtr shift was from 11pm to 3am and the noise was terrible. Static crashes S9+ and we had to run 20db attenuation. I did my best to work the weak ones, and was really disappointed when a KP4 gave up on me.

As far as we could tell, the slopers played well, but I would be interested in hearing from anyone who heard us, but was not able to get through.

Regarding speed, we were using CT (next year it WILL BE Trlog) and the slowest it will go is 22wpm, but all the cw ops had keyers as well and slowed down when it seemed needed.

This year we had a number of visiting Hams from places like Tenn. and Mich. They either saw our sign while on their way up the mountain, or were scanning 2mtrs and heard the activity and came up.

Thanks to any and all who worked us. This was our first year as 3A and everything considered, it went well.

Derry VE7QK had his epifites up and was playing with a dipole and MMA/SLV.

>
> I know it is frustrating when you keep calling and calling, but that's the
> way it is.

And it is frustrating for us as well.

>
> We had many "no responses" on 80 meters CW, but we had very few "no
> responses" on 20 meters, probably because we had a 2 element quad for
> 20....and that gain antenna made up for the lack of a strong signal.
>
> BCNU -
>
> CUL - Bill-N7MFB
> http://www.techline.com/~bill
>
cheers, Paul
ve7cqk
email: paul1@wizard.ucs.sfu.ca

Date: Mon, 30 Jun 1997 10:06:31 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [22201] RE: Not responding to QRP stations
Message-ID: <199706301706.KAA09065@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just as a side note, I never appended a /qrp to my call, and had only a few stations that I called not respond. Obviously, with 2+watts I was weak, but most of them came back, and a few asked for a repeat of the info, usually when I heard someone jump in on top of me. Wonder what would have happened had I used the /qrp after the call? I think during FD, stations answer anyone they can hear, period.

73,
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
Grid DM43bi Lat 33.334500 Long -111.87260
NorCal #1221   ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL
http://www.dancris.com/~ki7mn
WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=5

Date: Mon, 30 Jun 1997 12:18:58 Central Daylight Time
From: "Rick Hadley" <r.hadley@www.mebbs.com>
To: qrp-l@Lehigh.EDU
Subject: [22202] Re: SST Field Day
Message-ID: <1.5.4.16.19970630114915.1bcf35ea@www.mebbs.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>First Impressions- Wow! what speed are those stations running at! I bet
>>they are cruising at better than 20 wpm. Does anyone know?

> And I agree with Chuck, the November SS is faster!

Yepper, and so are the DX contests!! There are lots of kinds of operating events out there, and you gotta decide which meet your abilities. If you wanna' run with the big dogs 'ya gotta learn to run fast! FD is actually one of the nice intermediate events that one can use as a learning tool for the real thing. 40wpm is not unusual in the DX events, and something over 30 is about average.   ...It's not as bad as is sounds; after all, you only have to be able to copy calls and numbers. Once you get the hang of it,

anything below 20 seems painfully slow.

..de Rick

Richard W. (Rick) Hadley
W0FG - Life Member ARRL
QRP-L #1019
r.hadley@www.mebbs.com
The Solutions Store, Ltd.

Date: Mon, 30 Jun 1997 10:34:16 -0700
From: Ed Loranger <we6w@qsl.net>
To: tgordish@concentric.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22203] Re: SST Field Day
Message-ID: <33B7EE18.362C@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

tgordish@concentric.net wrote:

>
> First Impressions- Wow! what speed are those stations running at! I bet
> they are cruising at better than 20 wpm. Does anyone know? I was able
> to get the callsigns from listening to the station call many times
> repeatedly. They could have saved themselves alot of wasted RF power
> just by cutting their speed. Let's just say I sent "AGN" a few times.

No Kidding. Although I don't have much trouble up to about
40 wpm receive, My straight key keeps me at a humane pace.
Didn't have to send MY callsign over and over and over....
I heard these speed demons repeating there call all night
for the other guy.

> Stations contacted ranged from HI (yea! I got HI) to NJ. I'd say coast
> to coast is not bad for 3w!
Good Job. I got 54 with 4 watts. Stateside only. 40 Meters.
>
> I think for something a little more relaxing I think the next contest I
> run will be Strait Key Night. I think that will be a little more my

> style.
ME TOO!!!!!!

> Tim & Aretta Gordish
> KB9LGJ & N0YDG

It was fun!!
-Ed Loranger

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARCI#???? grid CM88ok
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Mon, 30 Jun 1997 11:11:04 -0700
From: James Griffith <GriffithJ@ricks.edu>
To: qrp-l@Lehigh.EDU
Subject: [22204] Thank you for your EXPERENCE WITH THE BUTTERNUT VERTICAL.
Message-ID: <s3b79557.001@ricks.edu>

The consciences is that it is a very good vertical, especially for the price.
About 50-50 ground and roof mounted. Of course, with a vertical, the
more radials the better, but many had good experiences with the factory
roof mounting kit, and as few a two radials, although 4 radials one each
band seemed the norm.

One was ground mounted with 50 radials, and 200 countries confirmed.
Another was roof mounted with a DXCC produced from its operation.

The coils don't seemed to be bothered by snow and ice, but water
seems to detune them slightly. mechanical stress of the vertical from
wind also seemed to detune the coils just slightly leaving it that way.

Band with was about what I thought it might be. Very narrow in 80
around 25kc, 40 2:1 SWR was about 250kc, which I think is very good,
maybe even a little tung-in-cheek, from there on up seems to be ok for
band width.

Some made the comment that they would get and R-7000, and one had
replaced his BN with an R-7000 and said he saw no difference, except
the R-7000 seemed more rugged, and expensive. But several had had
their BN's up for several years, even bought them used, and
experienced only normal maintenance.

I need to think about this a bit more, but thank you for all you Butternut comments.

Jim, WA7NDD

Date: Mon, 30 Jun 97 13:43:14 -0700
From: ptaber@microtest.com
To: <qrp-l@Lehigh.EDU>
Subject: [22205] Re[2]: SST Field Day
Message-ID: <9706308676.AA867692540@mtsmtpgate.microtest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>>First Impressions- Wow! what speed are those stations running at! I bet
>>they are cruising at better than 20 wpm. Does anyone know?

> And I agree with Chuck, the November SS is faster!

It may be fast, but it's friendly. I've never had a problem in SS with people slowing down for me when needed. Or repeating the exchange. Or digging for mine. In the continuum of contests, FD is the most relaxed with pretty sloppy procedure. SS keeps the relaxed atmosphere, but tightens up the procedure. Then comes CQWW... screaming fast, uptight, don't-send-a-dah-when-a-dit-will-do contesting. Takes a week to wipe the grin off....

>>>==>PStJTT

Date: Mon, 30 Jun 1997 13:07:18 -0400
From: buhyoff@vt.edu (Greg Buhyoff)
To: qrp-l@Lehigh.EDU
Subject: [22206] FS:Mercury Paddles
Message-ID: <v01540b02afdd96694537@[128.173.78.57]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mercury Paddles made by N2DAN. They are in perfect condition. Blue finger

pieces. I also have spare sets of finger pieces in red sparkle and orange sparkle. Steve made them for me as sort of joke, but doggone they are neat looking and a lot of fun to put on sometime. The only "problem" with the paddle is that Steve engraved my call on the rear top of the base. This can be easily covered with an engraved plate made by a jeweler or trophy shop. The plate can be attached by screws or that special two-sided (very strong adhesive) tape that trophy shops use for attaching plates on trophies.

As you know, N2DAN passed away a couple of months ago and the Mercury is no longer in production. This is an exceptional key and an outstanding piece of design, machining and finishing.

I am asking $375 for the key, but am willing to listen to other offers as well.

Contact me at Buhyoff@vt.edu or

Call 540-951-4097 BEFORE 9PM EASTERN (this is my home phone)

My office information is in the signature block below.

73, Greg K2UM

==========

Greg Buhyoff
Julian N. Cheatham Professor
Virginia Polytechnic Institute and State University
Blacksburg, Virginia   24061

Office Phone: 540-231-5148
Fax: 540-231-3698
E-mail: Buhyoff@vt.edu

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Date: Mon, 30 Jun 1997 13:59:32 -0400 (EDT)
From: tmh@world.std.com
To: QRP-list <qrp-l@Lehigh.EDU>

Subject: [22207] Ten-Tec 6 meter Transceiver: THANK YOU
Message-ID: <Pine.SGI.3.95.970630135103.3524A-100000@world.std.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thank you oh thank you to everyone who responded to my question about the Ten-Tec 6 meter transceiver. I've saved all the responses to a "6M.msg" file as a complete introduction to this band.

The consensus is that SSB is the heart of the band and I'd be missing a lot.

I have a Norcal Cascade, so I could use the Ten-Tec transverter. (I was kind of hoping for an excuse to buy a whole new radio, though...).

If anyone has experience with the transverter plus the Cascade I'd be interested in hearing about it.

Thanks again to everybody.

-- Tim N1PAZ
tmh@world.std.com

Date: Mon, 30 Jun 1997 12:07:50 -0700
From: "Phil, K6LS" <k6ls@qsl.net>
To: tmh@world.std.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22208] Re: Ten-Tec 6 Meter Transceiver Kit
Message-ID: <33B7F5F5.1380@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

tmh@world.std.com wrote:
>
> Does anybody have any experience with this puppy? ....
> ....
> Is FM the primary mode on 6 meters? ....

here is my 2 worth....

I don't have any experince with that tt kit, however, I have built

two other tt kits, and if that is an indication of the quality-
the FM radio should be good too.

As far as FM goes on 6m- I have had a scanner in the shack for almost
3 yrs with the 6m FM calling ch and a couple of repeaters programed in
and I havent heard a darn thing! And the only time I have ever talked
to someone on 6m FM, was through a repeater and that was arranged on
2m SSB! as a test of my radio!!!! (I thought I had problems--not!)

You would be probably better served to get the MFJ SSB radio, I do
belive the cost is simillar (or something simillar) and I have heard
that the quality is OK too.

I can also guarantee that 6m ssb/cw will have you working more QSO's
and grids than FM.   AND when 6m is on, IT IS ON, I have worked
approx 50 grids with 5w (SSB) and a wire antenna (and I wasn't even
trying!).

disclaimer: The message you just read were my oppinions, and only worth
            about 2 ....your experinces my vary from area to area-
            just like 6M!
--
73 de Phil, K6LS/0
QRP-L #612
k6ls@qsl.net <or> k6ls@amsat.org
DM79or, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
http://www.qsl.net/k6ls

Date: Sun, 29 Jun 1997 21:59:09 +0100
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
To: w7ls@brigadoon.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22209] Re: Pixie 2 transceiver???? Where?
Message-ID: <INGhABAdystzEwdd@gqrpclub.demon.co.uk>
MIME-Version: 1.0

In message <199706270647.XAA28021@siskiyou.brigadoon.com>, Jim W7LS
<w7ls@brigadoon.com> writes
>Hi-y'all.
>   I just heard about a Pixie 2 transceiver that sounded interesting. I
>looked at the schematic on Frank G3YCC's page and it looks like a
>transmitter! Not a transceiver. Am I missing something, here?
Yes it is a transceiver, well of sorts. As you say the TX will work fine
and I suppose the RX will receive something, no everything at once,

having no real front end and no selectivity. I am sure, as a fun rig it would be an interesting project and once nearly had a go myself. Got a nice PCB as a gift, but passed it on to a friend, didn't really fancy using it. I am sure someone will say it works fine, but here in UK I doubt it would be much use other as a novelty...
Glad you found my page useful!
73 Frank, G3YCC.
G QRP Club 042
QRP Web site: http://www.gqrpclub.demon.co.uk

Date: Mon, 30 Jun 1997 15:01:29 -0400
From: Joseph Trombino jr <joebarb@wilmington.net>
To: QRP-L@Lehigh.EDU
Subject: [22210] OHR QRP Rigs For Sale
Message-ID: <3.0.1.32.19970630150129.00685bec@mail.wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello fellow QRP'ers:

Time to try something new so the folowing are for sale:

OHR Spirit-superhet for 30 meters -- $135 shipped

OHR Classic dual band 20/40 meter superhet $175 shipped

Both units are in excellent shape (never been outside of shack) and include built-in OHR Curtis keyers. Both units put out a solid 5 watts plus, with manuals. Interested parties please email me direct at:

joebarb@wilmington.net

Many thanks and vy 73, Joe W2KJ

Date: Mon, 30 Jun 97 13:15:41 MDT
From: Dale Anderson <dalea@artemis.fc.hp.com>
To: qrp-l@Lehigh.EDU
Subject: [22211] Re: FD Update
Message-ID: <9706301915.AA28254@artemis.fc.hp.com>

Here in CO, at about 0530Z 6/29 I turned on the rig for the first time, hoping to hear the CQC FD gang I had to forsake this year. Tho' I didn't hear them, I did hear the most beautiful sound on 40m. The CW segment was PACKED end-to-end (including the novice segment) with exchanges from coast-to-coast and VE-land. There wasn't the slightest opening to give a call on. It was truely awesome to hear. The contagious energy and excitement of the participants' CW radiated from my rig and quickly overwhelmed any inhibitions. Jumping into that frenzy was like being a drop of water falling into some wild raging rapids. Was almost spiritual!

I could only work 1E/QRP for 4 hrs this year, but the experience was one to remember. I may just catch the contesting bug yet. I just wish there was even a fraction of that that level of CW activity on the bands EVERY day. I guess it's up to us to make that happen...

72,
de Dale, KB0VCC
Fort Collins, CO
QRP-L #91 / CQC #251
ARS #234 / FISTS #3172

Date: 30 Jun 1997 15:22 EDT
From: mhartwell@lucent.com (m.e.hartwell)
To: qrp-l@Lehigh.EDU
Subject: [22212] Sharp ZR5800 logger
Message-ID: <199706301928.PAA13710@emsr2.emsr.lucent.com>

Hello gang

I have a couple of questions well maybe one. First a note I have the above palm top organizer, whatever. It has a spread sheet included. I haven't seen anything on this list concerning the above unit. Now the question. Is there anyone here using this thing as a logger, and if so how? The unit has the ability to use a pc card maybe there is software that I could buy or someone has some that will work on a pc and all I have to do is copy it over to the pc card and use that in my unit.

Just asking.

How about 2 meter qrp operating, anyone here doing that using
a transverter like the ten-tec unit?
     I have a two meter Ringo Ranger I would like to sell. Anyone
interested, $50.00 and I ship CONUS.

Marty

Date: Mon, 30 Jun 1997 11:48:24 MST
From: Mike Robinson <miker@comlinear.nsc.com>
To: qrp-l@Lehigh.EDU
Subject: [22213] Kent Engineering info
Message-ID: <199706301848.LAA11709@gecko.nsc.com>

Several folks were having the same problem
I was having in finding the Kent contact information:

R. A. Kent [Engineers]
P.O Box 809
Mount Ida, AR 71957-0809
(501) 867-4550

=-=
73 Michael N7MR   http://www.frii.com/~michael
Michael.Robinson@nsc.com   michael@frii.com
QRP-L #126   Norcal #857   CQC #180
=-=

Date: Mon, 30 Jun 1997 15:37:12 +0600
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
To: qrp-l@Lehigh.EDU
Subject: [22214] Mercury Paddles *** SOLD ****
Message-ID: <199706301945.PAA14533@sable.cc.vt.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Mercury Paddles are sold....

73, Greg K2UM

Gregory J. Buhyoff
Julian Cheatham Professor
Virginia Polytechnic Institute and State University
Blacksburg, Virginia 24061

Phone: 540-231-5148

E-mail: Buhyoff@vt.edu

FAX: 540-231-3698

Date: Mon, 30 Jun 1997 12:52:38 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: miker@comlinear.nsc.com
Cc: qrp-l@Lehigh.EDU
Subject: [22215] Re: Kent Engineering info
Message-ID: <199706301952.MAA21866@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:48 AM 6/30/97 MST, you wrote:
>
>Several folks were having the same problem
>I was having in finding the Kent contact information:
>
>R. A. Kent [Engineers]
>P.O Box 809
>Mount Ida, AR 71957-0809
>(501) 867-4550
>
>
>
>=-=
>73 Michael N7MR   http://www.frii.com/~michael
>Michael.Robinson@nsc.com   michael@frii.com
>QRP-L #126   Norcal #857   CQC #180
>=-=
>
>
Just tried to call them, and got a recording that he is in the hospital for

surgery...expected to be back on 6/23. Since it's now past that, hope
nothing's gone wrong. There apparently is no one to take messages at this time.

73,
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
Grid DM43bi Lat 33.334500 Long -111.87260
NorCal #1221   ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL
http://www.dancris.com/~ki7mn
WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=5

Date: Mon, 30 Jun 97 16:31:17 EDT
From: Joel Malman <malman@BBN.COM>
To: qrp-l@Lehigh.EDU
Subject: [22216] unusual QRP FD this year
Message-ID: <199706302031.QAA23234@nss2.CC.Lehigh.EDU>

Folks,

I set up 1B, battery, with a 'long' Vee feed with 450-ohm ladder line about
30-40 foot high. Elevation: 1500 in upstate New York. 4 watts cw 5 watt PEP
SSB. 39 Sections worked. Total operating time: 8.5 hours ... Results:

```
Band    Q's
===========
80 SSB  39

40 cw   20
40 SSB  05      / A lot of QRN !

20 cw   26

2m FM   02      / Local Simplex
----------
Total Q  92
```

For sure, not high on the point scale, but a 10 on the fun scale! I would
never have expected how easy it was to work 80 meter SSB with 5 watts PEP.
What a gas! See you all next year at FD!

/joel wa1qvm (malman@bbn.com ... Concord, Ma.)
WIMPS: Qs=179 30m=161 17m=17 12m=01 States=25/04/00 DX=050/12/01

Date: Mon, 30 Jun 1997 16:40:19 -0400
From: sarraf@thermacore.com
To: QRP-L@listserv.lehigh.edu
Subject: [22217] SLV Coils and Plans
Message-ID: <852564C6.007165EA.00@tci-nt02.thermacore.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Several people on the list sent me e-mail regarding the SLV coil. I have lost all of this correspondence. If you are still interested please repeat your reply.

Dave Sarraf
N3NDJ
Elizabethtown, PA

Date: Mon, 30 Jun 97 21:06:18
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@Lehigh.EDU>
Subject: [22218] OHR QRP 20/40 Documentation
Message-ID: <199706302106.QAA20134@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Does anyone have the following docs for this rig that they would part with or copy???

- Large parts overlay
- Schematic
- Pictorial

Got a partially built, partially there, kit I'm trying to finish...

Larry
KA5T lewise@inetport.com

Date: Mon, 30 Jun 1997 17:39:57 -0400 (EDT)
From: W3GX@aol.com
To: qrp-l@Lehigh.EDU
Subject: [22219] Re: FD Update
Message-ID: <970630173950_408791745@emout04.mail.aol.com>

Had to go to a family reunion at Ocean City Maryland FD weekend, so didn't get to either club I hang out with. Took the Alinco DX-70 and tuner with me. Set up in the motel room with magnet wire antenna taped to wall around one room, into doorway and around the walls in room next door (We had an "apartment.").

Antenna didn't work very well at all except at 15 meters and somewhat at 20 meters. No one noticed me on 40 M, even at 100 watts (Ouch!). I still yearn to find the perfect motel room antenna, tha tgets out and fits in the toolbox with the rig, tuner, key and MFJ 249. Must have had a very high angle because even at 15 M the calls were from two states away. Farthest heard was Minnesota.

Lots of stations on the bands. Reminded me of my proposed policy of outlawing electronic keyers for all except official subscribers to the QRP-L. With my CW dependent on how often I get on the air (and 2 boys, a wife, a demanding job and a life somewhere in there) I just didn't get it at the standard mechanized 35 WPM. Since I won't give a contester a QSO with me unless he/she earns it (by giving me a readable report and call sign) my QSO rate was one every 10 minutes. Got lots more SSB QSO's on 15 M than CW QSO's by a long shot.

Gonna have to go back and think about the ideas for a "more points for slow speed CW contacts" contest that got on the QRP-L a while back.

I can't understand a guy giving up on a QSO because the other guy asked for a fill for the third time at half his speed, only to go on putting out "CW FD" at 35 WPM for minute after minute with no takers. What does he think he'll miss by turning off that keyer long enough to get me a report and himself 2 more points.

Ordinarily I'd just pound out my call and 1-D MD without a chance at reading his, but not this time. I can attest to the fact that there are ops out there that got lower scores than they could have, because I (and maybe some other folks) was right there, but he didn't work me.

72 de W3GX

(soon to finish my OHR100 30 M rig)

Date: Mon, 30 Jun 1997 16:58:05 -0700
From: Dana E Hager <dehager@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [22220] Winding a SLV coil ???
Message-ID: <33B8480D.5ECC@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am in the process of winding a coil for a SLV antenna. I will be using 1 1/4 PVC and 16 AWG tinned copper bus wire (this is what I have) at 8 turns per inch. The MMA coil looks like it is wound with 18 AWG wire. I would like to know if this is going to be a problem using 16 AWG and if so, what changes are there going to be. Also, what book would have this information in them.

Thank you,

Dana E Hager
Nazareth, PA

Date: Mon, 30 Jun 1997 17:18:06 EDT
From: tahrens1@juno.com (Tim H. Ahrens)
To: qrp-l@Lehigh.EDU
Subject: [22221] FS/FT: S&S ARK4
Message-ID: <19970629.161939.9159.7.tahrens1@juno.com>

I have a 'spare' 40 meter cw rig that really
needs a home. The S&S ARK 4 is a synthesized
rig with built in keyer, audio filter, etc in
a 'modem-style' case. I'm asking $185, or if
you have something to swap, let me know.

Looking for an Index Labs Companion for the +.

Thanks!

Tim W5FN

End of QRP-L Digest 773
****
